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Vol. III - pt. 10

USE OF FERTILIZER AND LIME

(A Cooperative Report)

SPECIAL REPORTS

1954 Census of Agriculture

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United States Census of Agriculture: 1954

Volume III
Special Reports

Part 10
Use of Fertilizer and Lime

(A Cooperative Report)

Prepared under the supervision of
RAY HURLEY
Chief, Agriculture Division

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PREFACE

Volume III, Special Reports, comprises a group of special compilations and summaries of data from the 1954 Census of Agriculture and related surveys. The purpose of Part 10, "Use of Fertilizer and Lime" is to present in one publication most of the detailed data compiled for the 1954 Census of Agriculture regarding the use of fertilizer and lime. The report presents data for counties, State economic areas, and generalized type-of-farming areas regarding the quantity used, acreage on which used, and expenditures for fertilizer and lime.

This report has been prepared cooperatively by the Bureau of the Census of the U. S. Department of Commerce and the Agricultural Research Service of the U. S. Department of Agriculture. This cooperative report was prepared under the direction of Ray Hurley, Chief of the Agriculture Division of the Bureau of the Census. The report was outlined and the text was written by Donald B. Ibach, Agricultural Economist, and by J. Richards Adams, Senior Chemist, Agricultural Research Service of the U. S. Department of Agriculture. Gladys L. Eagle, Lois Miller, and Julia H. Moring of the Bureau of the Census aided in the preparation of the report.

December 1956

UNITED STATES CENSUS OF AGRICULTURE: 1954

REPORTS

Volume I.—Counties and State Economic Areas. Statistics for counties include number of farms, acreage, value, and farm operators; farms by color and tenure of operator; facilities and equipment; use of commercial fertilizer; farm labor; farm expenditures; livestock and livestock products; specified crops harvested; farms classified by type of farm and by economic class; and value of products sold by source.

Data for State economic areas include farms and farm characteristics by tenure of operator, by type of farm, and by economic class.

Volume I is published in 33 parts as follows:

Part	State or States	Part	State or States	Part	State or States
1	New England States:		West North Central:		East South Central—Continued
	Maine.	8	Minnesota.	21	Alabama.
	New Hampshire.	9	Iowa.	22	Mississippi.
	Vermont.	10	Missouri.		West South Central:
	Massachusetts.	11	North Dakota and South Dakota.	23	Arkansas.
	Rhode Island.			24	Louisiana.
	Connecticut.	12	Nebraska.	25	Oklahoma.
2	Middle Atlantic States:	13	Kansas.	26	Texas.
	New York.		South Atlantic:		Mountain:
	New Jersey.	14	Delaware and Maryland.	27	Montana.
	Pennsylvania.	15	Virginia and West Virginia.	28	Idaho.
	East North Central:	16	North Carolina and South Carolina.	29	Wyoming and Colorado.
3	Ohio.			30	New Mexico and Arizona.
4	Indiana.	17	Georgia.	31	Utah and Nevada.
5	Illinois.	18	Florida.		Pacific:
6	Michigan.		East South Central:	32	Washington and Oregon.
7	Wisconsin.	19	Kentucky.	33	California.
		20	Tennessee.		

Volume II.—General Report. Statistics by Subjects, United States Census of Agriculture, 1954. Summary data and analyses of the data for States, for Geographic Divisions, and for the United States by subjects as illustrated by the chapter titles listed below:

Chapter	Title	Chapter	Title
I	Farms and Land in Farms.	VII	Field Crops and Vegetables.
II	Age, Residence, Years on Farm, Work Off Farm.	VIII	Fruits and Nuts, Horticultural Specialties, Forest Products.
III	Farm Facilities, Farm Equipment.	IX	Value of Farm Products.
IV	Farm Labor. Use of Fertilizer, Farm Expenditures, and Cash Rent.	X	Color, Race, and Tenure of Farm Operator.
V	Size of Farm.	XI	Economic Class of Farm.
VI	Livestock and Livestock Products.	XII	Type of Farm.

Volume III.—Special Reports

Part 1.—Multiple-unit Operations. This report will be similar to Part 2 of Volume V of the reports for the 1950 Census of Agriculture. It will present statistics for approximately 900 counties and State economic areas in 12 Southern States and Missouri for the number and characteristics of multiple-unit operations and farms in multiple units.

Part 2.—Ranking Agricultural Counties. This special report will present statistics for selected items of inventory and agricultural production for the leading counties in the United States.

Part 3.—Alaska, Hawaii, Puerto Rico, District of Columbia, and U. S. Possessions. These areas were not included in the 1954 Census of Agriculture. The available current data from various Government sources will be compiled and published in this report.

Part 4.—Agriculture, 1954, a Graphic Summary. This report will present graphically some of the significant facts regarding agriculture and agricultural production as revealed by the 1954 Census of Agriculture.

Part 5.—Farm-mortgage Debt. This will be a cooperative study by the Agricultural Research Service of the U. S. Department of Agriculture and the Bureau of the Census. It will present, by States, data based on the 1954 Census of Agriculture and a special mail survey to be conducted in January 1956, on the number of mortgaged farms, the amount of mortgage debt, and the amount of debt held by principal lending agencies.

Part 6.—Irrigation in Humid Areas. This cooperative report by the Agricultural Research Service of the U. S. Department of Agriculture and the Bureau of the Census will present data obtained by a mail survey of operators of irrigated farms in 28 States on the source of water, method of applying water, number of pumps used, acres of crops irrigated in 1954 and 1955, the number of times each crop was irrigated, and the cost of irrigation equipment and the irrigation system.

Part 7.—Popular Report of the 1954 Census of Agriculture. This report is planned to be a general, easy-to-read publication for the general public on the status and broad characteristics of United States agriculture. It will seek to delineate such aspects of agriculture as the geographic distribution and differences by size of farm for such items as farm acreage, principal crops, and important kinds of livestock, farm facilities, farm equipment, use of fertilizer, soil conservation practices, farm tenure, and farm income.

Part 8.—Size of Operation by Type of Farm. This will be a cooperative special report to be prepared in cooperation with the Agricultural Research Service of the U. S. Department of Agriculture. This report will contain data for 119 economic subregions, (essentially general type-of-farming areas) showing the general characteristics for each type of farm by economic class. It will provide data for a current analysis of the differences that exist among groups of farms of the same type. It will furnish statistical basis for a realistic examination of production of such commodities as wheat, cotton, and dairy products in connection with actual or proposed governmental policies and programs.

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INTRODUCTION

The purpose of this report is to present in one publication most of the detailed data compiled for the 1954 Census of Agriculture, on the use of fertilizer and lime. The increased use of fertilizer has been one of the striking developments on our farms during the last few decades. The increased use of fertilizer plus the increased use of insecticides and chemicals to control plant insects and diseases, the use of improved varieties of crops, the more timely and economical performance of farm operations because of greater farm mechanization and better farm management, and the increased use of irrigation have resulted in an increase of one-fifth in crop production per acre during the last 15 years.

The Censuses of Agriculture since 1879 have obtained some information on the use of fertilizer and lime. The kinds of data obtained at each Census were as follows:

1879--expenditures for fertilizer.

1889--expenditures for fertilizer.

1899--expenditures for fertilizer.

1909--expenditures for fertilizer and manure.

1919--expenditures for fertilizer and manure.

1924--expenditures for fertilizer, manure, and lime.

1929--expenditures for fertilizer, manure, and lime; tons of commercial fertilizer purchased.

1939--expenditures for commercial fertilizer and for lime, separately; quantity of commercial fertilizer purchased; and tons of liming materials purchased.

1944--expenditures for commercial fertilizer and for lime, separately.

1954--expenditures for commercial fertilizer and for lime, separately; quantity and acres on which used for fertilizer and lime, separately; and for fertilizer, the acres fertilized and amount of fertilizer used for selected crops or groups of crops.

DEFINITIONS AND EXPLANATIONS

The definitions and explanations presented here are limited to those necessary for understanding the data presented in the statistical tables. More detailed and complete definitions will be found in the Introduction to Volume II of the reports of the 1954 Census of Agriculture.

A farm.--For the 1954 Census of Agriculture, places of 3 or more acres were counted as farms if the annual value of agricultural products, exclusive of home-garden products, amounted to $150 or more. The agricultural products could have been either for home use or for sale. Places of less than 3 acres were counted as farms only if the annual value of sales of agricultural products amounted to $150 or more. Places for which the value of agricultural products for 1954 was less than these minima because of crop failure or other unusual conditions, and places operated at the time of the Census for the first time were counted as farms if normally they could be expected to produce these minimum quantities of agricultural products.

For the 1945 and earlier Censuses of Agriculture, the definition of a farm was somewhat more inclusive. From 1925 to 1945, farms, for Census purposes, included places of 3 or more acres on which there were agricultural operations, and places of less than 3 acres if the agricultural products for home use or for sale were valued at $250 or more. For places of 3 or more acres, no minimum quantity of agricultural production was required for purposes of enumeration; for places of under 3 acres, all the agricultural products valued at $250 or more may have been for home use and not for sale. The only reports excluded from the tabulations were those taken in error and those with very limited agricultural production, such as only a small home garden, a few fruit trees, a very small flock of chickens, etc. In 1945, reports for places of 3 acres or more with limited agricultural operations were retained if there were 3 or more acres of cropland and pasture, or if the value of products in 1944 amounted to $150 or more when there were less than 3 acres of cropland and pasture.

Farms reporting.--Farms reporting represents the number of farms for which the kind of expenditure or use of fertilizer or liming materials was reported.

Irrigated farms.--Irrigated farms are farms on which water was applied to pastureland and/or to land from which crops were harvested in 1954. Data are given for irrigated farms for only 17 Western States, and Arkansas, Louisiana, and Florida.

Farms by economic class.--The classification of farms by economic class was based upon 3 criteria: (1) Total value of farm products sold, (2) number of days the farm operator worked off the farm, and (3) the relationship of the income received from nonfarm sources by the farm operator and members of his family to the value of all farm products sold. Farms were classified into two major economic groups, namely, "commercial farms" and "other farms." Farms in each of these two major groups were further classified.

The "commercial farms" were classified into six groups--Classes I through V, solely on the basis of the value of farm products sold; and in the case of Class VI, on the additional basis of the days of off-farm work and the relationship of income of the operator and members of his family from nonfarm sources to the value of all agricultural products sold. "Other farms" include part-time farms, all farms with a value of farm products sold of less than $250, and abnormal farms (institutional farms, experimental farms etc.). The accompanying table gives the criteria for farms in each economic class.

Farms classified by type.--Commercial farms have been classified by type on the basis of the relationship of the value of sales from a particular source, or sources, to the total value of all farm products sold from the farm. In some cases, the type of farm was determined on the basis of the sales of an individual farm product, such as cotton, or on the basis of the sales of a broader group of products, such as corn, grain sorghums, all small grains, field peas, field beans, cowpeas, and soybeans. In order to be classified as a particular type, sales or anticipated sales of a product or a group of products had to represent 50 percent or more of the total value of all farm products sold.

Data are presented for the following type-of-farm groups.

All crop farms comprise cotton, cash-grain, vegetable, fruit-and-nut farms, and other field-crop farms (peanuts, Irish potatoes, sweetpotatoes, tobacco, sugarcane, and sugar beets) on which the value of one of these groups of crops sold accounted for 50 percent or more of the value of all farm products sold.

CRITERIA FOR THE ECONOMIC CLASSES OF FARMS

Class	Criteria		
	Value of farm products sold	Other	Farms excluded
Commercial farms:			
Class I	$25,000 or more	None	Abnormal.
Class II	$10,000 to $24,999	None	Abnormal.
Class III	$5,000 to $9,999	None	Abnormal.
Class IV	$2,500 to $4,999	None	Abnormal.
Class V	$1,200 to $2,499	None	Abnormal.
Class VI	$250 to $1,199	Less than 100 days of off-farm work by operator, and income of operator and members of his family from nonfarm sources less than value of all farm products sold.	Abnormal.
Other farms		Farms with a value of products sold of $250 to $1,199 when the farm operator reported 100 days or more of off-farm work or income of farm operator and members of his family from nonfarm sources greater than value of all farm products sold. Includes also all farms with a value of farm products sold of less than $250 and institutional farms, experimental farms, grazing associations, community-project farms, etc., regardless of the value of farm products sold.	

All livestock farms comprise dairy, poultry, and other livestock farms (cattle, calves, hogs, sheep, goats, wool, and mohair) on which the value of one of these groups of livestock and livestock products accounted for 50 percent or more of the value of all farm products sold.

General crop and livestock farms comprise all farms on which the value of any crops and livestock sold accounted for 70 percent or more of the total value of farm products sold, provided the farms could not be classified as all crop farms or as all livestock farms.

All other farms include forest product farms, nursery and greenhouse farms, and horse farms.

Farms by tenure of farm operator.--Farms have been classified by tenure of operator on the basis of the arrangements under which the farm operator controls the land he operates. Data are shown for the following tenure of farm operator groups:

Owners, part owners, and managers are farm operators who own all or part of the land they operate or who operate farms for others and are paid a wage or salary for their services.

Tenants rent from others, or work on shares for others, all the land they operate.

Separate data are given for cash tenants, all share tenants, croppers (for Southern States only), and other tenants.

Cash tenants pay a cash rental, such as $10 per acre or $1,000 for the use of the whole farm.

All share tenants pay as rent a share of the crops or livestock or livestock products, or both.

Croppers are crop-share tenants whose landlords furnish all work power. The landlords either furnish all the work animals or furnish tractor power in lieu of work animals. Croppers usually work under the close supervision of the landlords, or their agents, and the land assigned them is often merely a part of a larger enterprise operated as a single unit.

Other tenants include tenants paying a fixed quantity of any product; those who pay taxes, keep up the land and buildings, or keep the landlord in exchange for the use of the land; those who have the use of the land free; and others who could not be included in one of the other specified subclasses, and tenants for whom the rental arrangement was not specified.

Crops fertilized in 1954.--Data were secured in the 1954 Census of Agriculture on the acres fertilized and the quantity of fertilizer used for six groups of crops in each State. Of the six groups of crops, three were the same for all States, namely:

(1) Hay and cropland pasture
(2) Other pasture (not cropland)
(3) Fruits, vegetables, and potatoes

The three crops or groups of crops comprising the other three groups varied by States as follows:

(1)	a. Corn b. Wheat c. Other crops	New York, Pennsylvania, New Jersey, Delaware, Maryland, West Virginia, Iowa, Illinois, Indiana, Ohio, North Dakota, South Dakota, Kansas, Nebraska, Missouri
(2)	a. Corn b. Cotton c. Other crops	South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Arkansas, Texas, Oklahoma, New Mexico
(3)	a. Corn b. Tobacco c. Other crops	Maine, New Hampshire, Vermont, Connecticut, Massachusetts, Rhode Island, Virginia, North Carolina, Kentucky, Tennessee
(4)	a. Corn b. Oats c. Other crops	Michigan, Wisconsin, Minnesota
(5)	a. Wheat b. Sugar beets c. Other crops	Montana, Idaho, Wyoming, Utah, Nevada
(6)	a. Wheat b. Oats c. Other crops	Oregon, Washington

(7) a. Cotton — Arizona, California
b. Rice
c. Other crops

(8) a. Corn — Colorado
b. Sugar beets
c. Other crops

Since data were not compiled for all States for each crop or group of crops listed above, the acreage fertilized cannot be related to the acreage of these crops in the United States. The proportion of the acreage of each crop in 1954 in the United States, harvested in the States for which separate data for the same crop fertilized were obtained, was as follows:

Crop	Percent
Corn	99.4
Wheat	75.5
Oats	24.6
Cotton	93.5
Tobacco	75.8
Rice	19.0
Sugar beets	37.2

Cropland pasture includes rotation pasture and all other cropland that was used only for pasture.

Improved pasture includes only pasture, not cropland pasture and not woodland pasture, on which one or more of the following practices had been used: liming, fertilizing, seeding to grasses or legumes, irrigating, draining, or controlling weeds or brush.

Acres of hay.--The acres of hay represents the total acres of land from which hay was cut. Sorghum, soybean, cowpeas, and peanut hays were excluded from this total.

Source and Reliability of Data for 1954

The information on the expenditures for fertilizer and lime, the quantity of fertilizer and lime used, and the acreage on which used was collected for a sample of approximately 20 percent of all the farms. The data given in the tables in this report represent estimates for all farms, based upon data tabulated for the sample. (For a description of the sample, the method of compiling the data, and a statement of the reliability of estimates based on the sample, reference should be made to the Introduction to Volume II of the reports for the 1954 Census of Agriculture.) The data for counties are subject to considerable sampling error and this fact should be considered when comparing amounts of fertilizer used as reported by the Census and by other sources and when comparing the acres fertilized for each crop with the acres harvested.

The amount of fertilizer used relates to the quantity applied in 1954. In the case of winter wheat and other fall sown crops, the acres fertilized refer to the acres of the crop planted in the fall of 1954, and not to the acres harvested in 1954. In the drought areas, in the case of some crops, the acres fertilized includes the acres on which fertilizer was applied; the crop was not harvested from part of these acres because of crop failure. The total acres of other crops to which the acres of other crops fertilized have been related, was calculated by subtracting the acres of hay, fruits, vegetables, and potatoes, and two other selected crops from the acres of cropland harvested. In some cases, more than one crop was harvested from the same land in 1954, and since the acres of each of these crops fertilized were counted as acres fertilized, and the acres of cropland harvested, regardless of the number of crops harvested on the land in 1954, were counted only once, the acres of other crops fertilized may exceed the calculated acres of other crops.

For counties, the data on acres of crops fertilized are estimates based upon tabulations for a sample of approximately 20 percent of the farms, while the data for the acreage of the various crops harvested represent totals for all farms. Thus, the figures on acres fertilized may differ considerably from the acres harvested because of the use of a sample to obtain acres fertilized.

For 1954, fertilizer was to include only commercial fertilizer or fertilizing material. No specific mention was made of basic slag. In some areas, particularly in the East South Central States where considerable quantities of basic slag are used, basic slag was not considered a fertilizing material by some of the farm operators and hence was not reported. Lime and liming materials were to include ground limestone, hydrated and burnt lime, marl, oyster shells, and other forms of lime.

The United States total for tons of fertilizer used, as reported in the 1954 Census, was about 15 percent below the total shown by reports of the United States Department of Agriculture, based on data obtained from nearly all fertilizer manufacturers. The difference in data from these two sources is explained largely by the exclusion by the Bureau of the Census and the inclusion by the United States Department of Agriculture of dried manures, secondary and trace nutrient materials, and fertilizers for nonfarm purposes, such as for lawns, parks, golf courses, home gardens, etc., and the underreporting in the Census of the quantity of basic slag used.

The data presented by counties and those presented by State economic areas, subregions, and generalized type-of-farming areas were obtained from different tabulations and will differ slightly because adjustments were not made in the tabulations when the differences were not significant and did not affect the usefulness of the data. The differences are equal to less than one-half of one percent of the total for counties.

Expenditures for 1954.--The expenditures for fertilizer and lime were to include the expenditures for the farm, including the purchases of both landlords and tenants. Fertilizer and lime used under the Agricultural Conservation Program were to be reported and the total expenditure was to represent the total cost, without any deductions of Agricultural Conservation Program payments. In some areas, farm operators may not have known the amount of payments made by the Agricultural Conservation Program and may have reported only the cost paid by the farm operator.

Areas for which data are presented.--Data are presented for States, generalized type-of-farming areas, subregions, economic areas, and counties.

The boundaries of the generalized type-of-farming areas are shown by the map on page XIV. These generalized type-of-farming areas are approximately the same as those outlined in 1949 by the Bureau of Agricultural Economics of the United States Department of Agriculture. However, much of the data for the 1954 Census of Agriculture were compiled by subregions, and it has been necessary to use the data for these subregions to provide data for the generalized type-of-farming areas. The boundaries of the subregions are indicated by the map on page XIII, and do not correspond exactly with the boundaries of the generalized type-of-farming areas. Table IV indicates the subregions that comprise each of the generalized type-of-farming areas and gives a brief description of subdivisions included in each generalized type-of-farming area.

The same generalized type-of-farming area may occur in widely distant parts of the country. For example, some parts of the Dairy area are found in the Pacific Northwest although most of them are in the Lake States and the Northeast. The General Farming area (VI) is concentrated mainly in the Appalachian region. The Fruit, Truck and Mixed Farming area (I) occurs in several small areas over the country, as for example on the Eastern Shore between Chesapeake Bay and Long Island, in Florida and in Central California. The Special Crops and General Farming area (IX) is also widely scattered and is characterized principally by production of rice, sugarcane, potatoes, peanuts, sugar beets, or dry beans. Other type-of-farming areas are identified with more or less definite regions such as Cotton area (VII) in the South, Feed Grains and Livestock area (V) in the Corn Belt, Wheat and Small Grains area (III) in the Central Plains States, and Range Livestock area (II) in the Western Mountain and Intermountain regions.

In presenting data by generalized type-of-farming areas, it has been necessary to combine entire subregions because Census data were tabulated only by subregions. For this reason some of the smaller parts of one generalized type-of-farming area may, for purposes of this presentation, be included in another more dominant type-of-farming area in the region. For example, the Maine potato area is included along with the Dairy area, as dairying is the dominant type-of-farming area in the Northeast. However, tables 1, 2, and 3 present data on fertilizer use by smaller areas--counties and State economic areas.

State economic areas represent groupings of counties within a State. Outside metropolitan areas, the State economic areas are, in general, the same as State type-of-farming areas. A map showing the boundaries of State economic areas is given on page XII. In table 1 presenting figures by counties, the counties have been arranged by State economic areas.

Expenditures for fertilizer 1879 to 1954.--Significant changes have occurred in the use of fertilizer during the last 75 years. In terms of cash outlays by farmers, the expenditures for commercial fertilizer were more than 35 times as large in 1954 as in 1879. While the change of price level has been a significant factor affecting the increase in dollar expenditures, the increase in the total quantity of fertilizer used on farms has been many fold.

Changes in use of fertilizer and lime.--Some striking regional changes in the use of fertilizer in the United States have occurred in the past 25 years. In 1929 very little fertilizer was being used in the Great Plains and Western States. Most of the fertilizer used a quarter of a century ago was used in the following States or areas: North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, New Jersey, Delaware, Maryland, southeastern Virginia, southeastern Pennsylvania, northeastern Maine, the Connecticut River Valley of Connecticut and Massachusetts, and the Los Angeles area of California.

In 1954 commercial fertilizer was used on 123 million acres of cropland and pasture. Lime was applied to 11 million acres. The accompanying map shows the distribution of fertilizer use in 1954. About half of the acreage fertilized in 1954 was in the Corn Belt, Great Plains, and Western States. In 1929 these areas accounted for only a sixth of the total expenditure made for commercial fertilizer used in the United States. About two-fifths of the expenditure for fertilizer in 1929 was concentrated in the Piedmont and Coastal Plain parts of North Carolina, South Carolina, Georgia, and Alabama.

Most of the fertilizer used in 1929 was applied to the more intensively cultivated crops, especially to cotton, tobacco, fruit, truck, and potatoes. These crops have continued to absorb an important part of the fertilizer applied, but several other crops and pasture, which were not formerly fertilized to any great extent, are now widely fertilized.

In 1954 commercial fertilizer was applied to almost 123 million acres. About 4 million of these acres comprised improved pasture other than cropland pasture. The other 119 million acres comprised cropland and represented more than one-fourth of the total cropland in the United States. In 1954 commercial fertilizer was applied to more than 13 million acres of hay and cropland pasture, 46.5 million acres of corn, 11 million acres of wheat, 9.7 million acres of cotton, and 6.3 million acres of fruits, vegetables, and potatoes. This means that three-fifths of the corn; a fifth of the wheat acreage; about half the cotton; and two-thirds of the fruit, vegetables, and potatoes had some application of fertilizer in 1954.

Consumption of commercial fertilizer and liming materials in the United States.--The consumption of commercial fertilizers in the continental United States in 1954 was almost 19 million tons, an increase of 172 percent over the 7 million tons used in 1939. The most rapid regional increase was in the Northern Plains States. More than twenty times as much fertilizer was used in this area in 1954 as in 1939. However, this region used less fertilizer in 1954 than any other except the Mountain States. The greatest tonnage of fertilizer was used in the Corn Belt, followed by the Southeast and Appalachian Regions. These three regions include the only States using more than a million tons annually. North Carolina consumed 1.3 million tons in 1954, followed by Georgia with 1.2 million tons, Florida with 1.1 million tons, Illinois with 1 million tons, and Indiana with 1 million tons.

The use of liming materials in 1954 was more than double that of 1939. Consumption in the Northern Plains increased more than 10-fold during this period, followed by the Delta States with a 7-fold increase. The only area in which consumption dropped was the Mountain States, where there was a decrease of almost 75 percent. Of the 6 States using over a million tons in 1954, Illinois used the largest quantity, 2.5 million tons.

Trends in use of fertilizer and of liming materials since 1910 are shown by the chart on page XVII. Consumption of fertilizer, relative to the 1947-49 average, has risen each year since 1938. Currently, consumption in terms of available plant nutrients, is about one and two-thirds times that during the base period (1947-1949). Use of liming materials expanded markedly during the period 1936 to 1947 when this practice was encouraged through conservation programs. Following 1947, consumption of liming materials has declined substantially. Differences in recent trends in use of fertilizer compared with use of lime reflect farmers' relative evaluations of these practices. In the case of fertilizer, the returns to the farmer are quickly obtained. Liming materials are more generally regarded as capital investments and the returns occur at a much slower rate than for fertilizer. The decline in use of liming materials may be greater than is indicated by consumption data because the rising nutrient content of fertilizers means that less calcium or magnesium bearing materials are used in commercial fertilizers.

Use of fertilizer by generalized type-of-farming areas.--Variations in percentage of acreage fertilized, in quantity of fertilizer used, and in rates of application per fertilized acre among broad type-of-farming areas are indicated by data in table IV.

The quantity of fertilizer used was greatest in the Cotton type-of-farming area (VII), followed in order by Feed Grains and Livestock, (V), Dairy (IV), the Fruit, Truck, and Mixed Farming (I), and General Farming (VI) areas. These five areas account for more than 80 percent of all fertilizer used in the United States in 1954.

More than 30 percent of all fertilizer was used on corn in 1954, and about one-third of that used on corn was used in the Feed Grain and Livestock type-of-farming area (V). Even in the

Cotton area (VII) nearly as much fertilizer was used on corn as on cotton. About one-seventh of the total quantity of fertilizer was used on fruits, vegetables, and potatoes, and 57 percent of the fertilizer applied to these crops was used in the Fruit, Truck, and Mixed Farming area (I). About one-ninth of the tonnage of fertilizer was used on hay and cropland pasture, and one-tenth, on cotton. Nearly 45 percent of the fertilizer used on hay and cropland pasture was used in the Dairy (IV) and the Cotton (VII) areas.

The average amount of fertilizer used per acre fertilized was higher for tobacco than for any other selected crop for which data were obtained in the Census. The average amount applied per acre on corn ranged from nearly 400 pounds in the Fruit, Truck, and Mixed Farming area (I), to less than 100 pounds in the Wheat and Small Grains area (III). The average rate applied on cotton in the General Farming area (VI) was about 1.4 times as high as in the Cotton type-of-farming area (VII). The average amount used per acre on hay and cropland pasture and on improved permanent pasture approximated or exceeded 300 pounds per acre in the Fruit, Truck, and Mixed Farming (I), the Dairy (IV), the General Farming (VI), the Cotton (VII), the Tobacco and General Farming (VIII), and in the Special Crop and General Farming (IX) areas. Only in the Range Livestock (II) and Wheat and Small Grains (III) areas were average amounts used per acre on hay and cropland pasture below 200 pounds per acre.

Use of fertilizer and liming materials, by State economic areas.--Considerable variation in fertilizer practices occurs between type-of-farming areas (State economic areas) within a State. This variation usually reflects differences in soils, type of farming, etc. For example, table 2 indicates a wide difference in percentage of crop acreages fertilized and in average rates per acre between State economic area 7b and areas 8 and D in Alabama. Area 7b is in the Cotton generalized farming area (VII). State economic areas 8 and D are in the Fruit, Truck, and Mixed Farming area (I) on the Gulf Coast.

Table 3 shows fertilizer practice for each economic area in the 20 States for which data are available separately for irrigated and non-irrigated farms. For the 20 States as a whole, 7.5 percent of all crops and pasture land on irrigated farms was fertilized at an average rate of 349 pounds per acre. For non-irrigated farms, 4.8 percent of the crop and pasture land was fertilized at an average rate of 205 pounds. Similar comparisons are available for the other crops specified in table 3 for each of the 20 States.

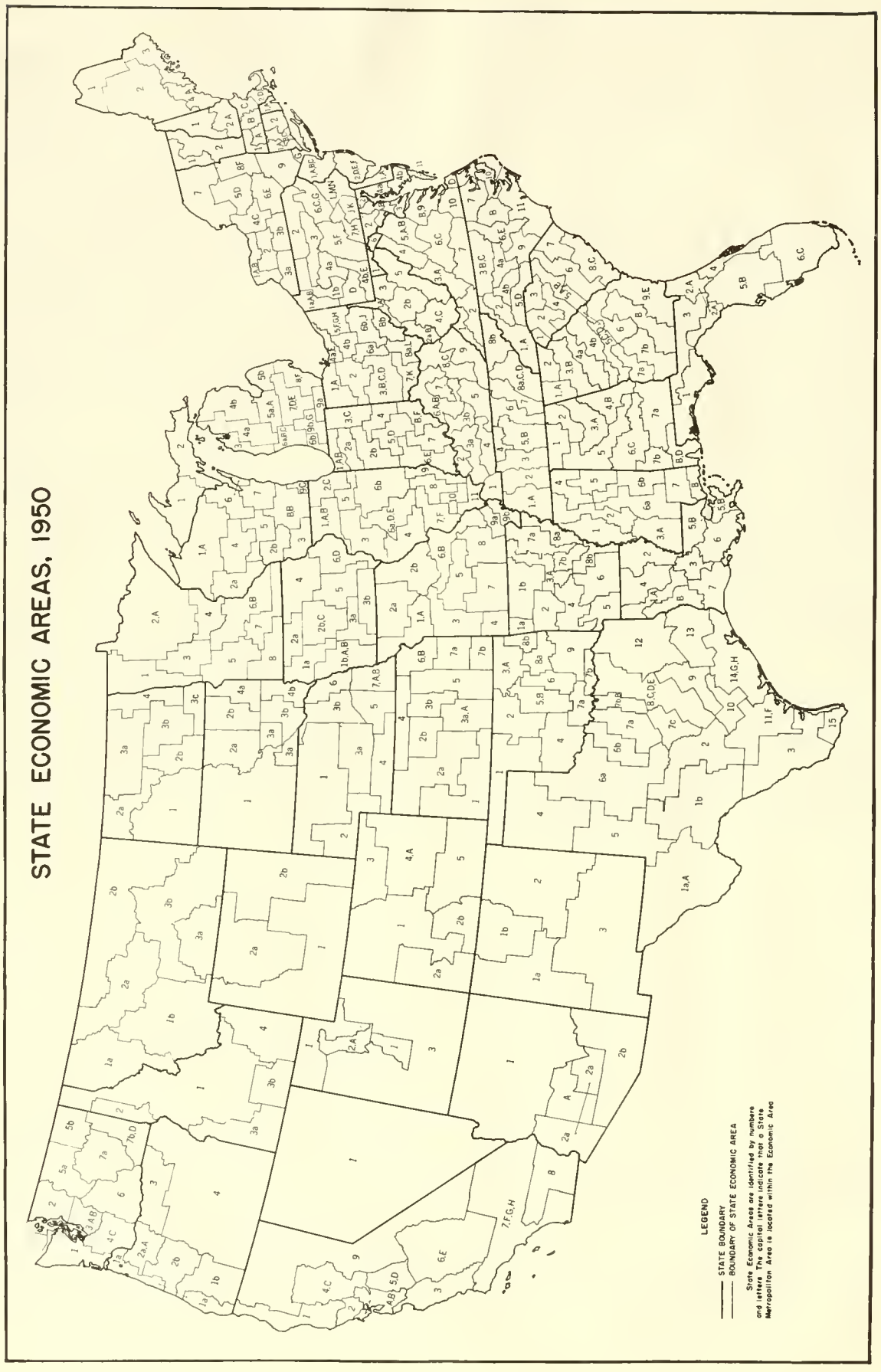
Use of fertilizer and liming materials by economic class, tenure of operator and type of farm.--Data on use of fertilizer and liming materials by economic class of farm, tenure of operator, and type of farm are presented for each economic area, by States and for the United States in tables 4, 5, and 6.

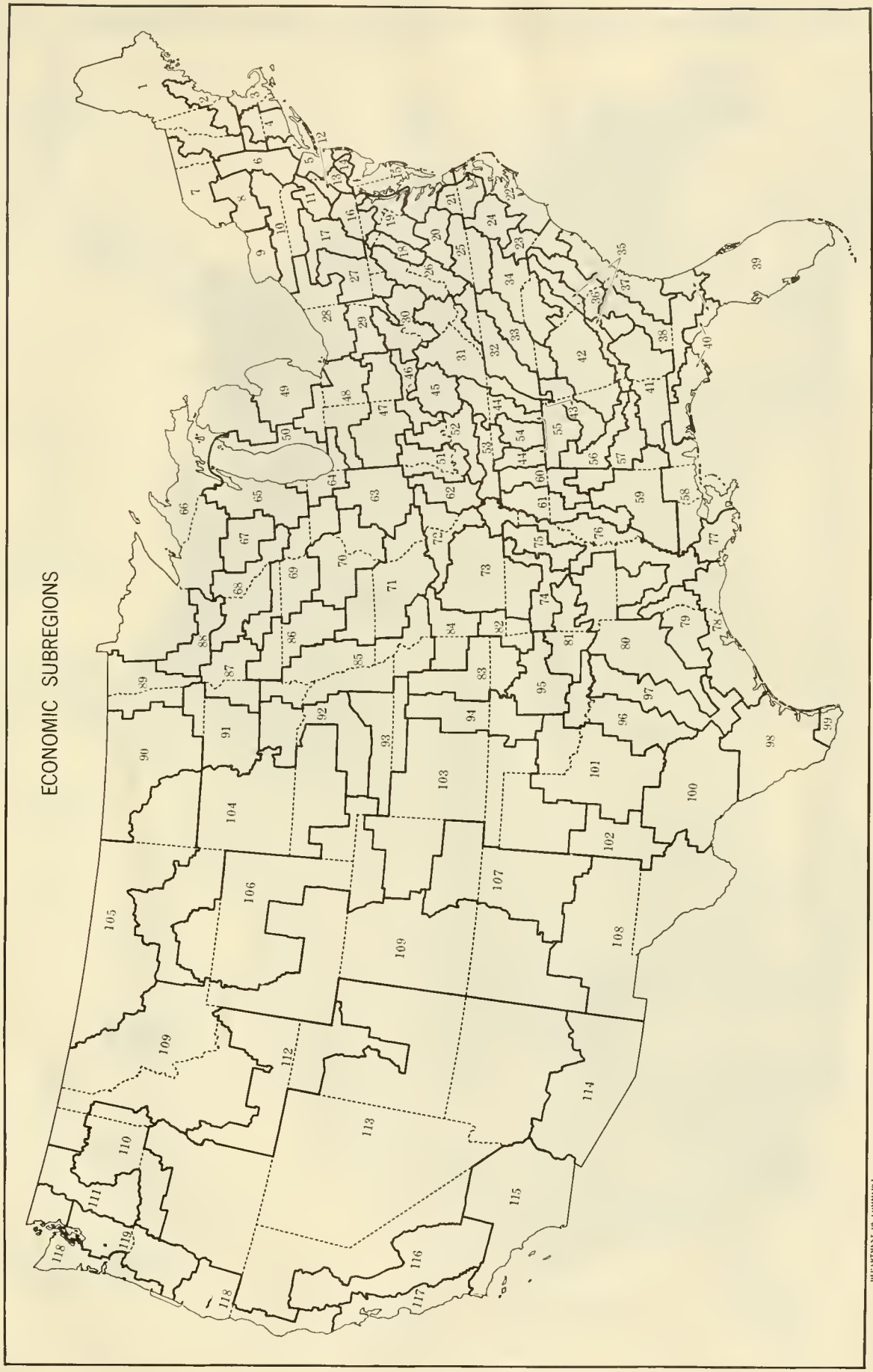
Except in the South, farmers in the higher economic classes generally fertilized or limed a higher percentage of their acreage of crops and cropland pasture than those in the lower income classes.

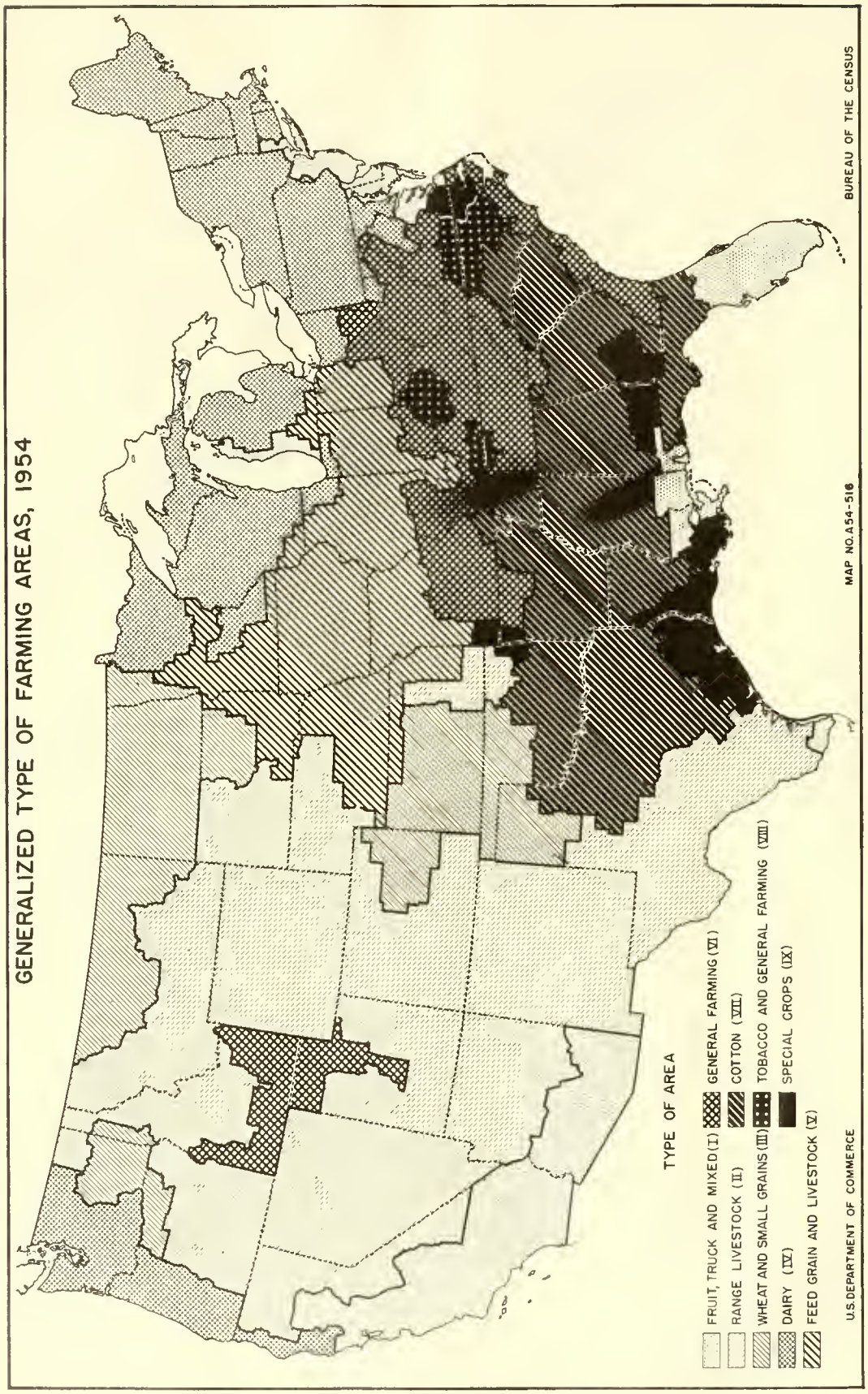
A higher percentage of cropland was fertilized on the all crop farms than on the other types in most of the Northeastern, Appalachian, and Lake States. In some of the Corn Belt States and in the Southeast, the percentage of acreage fertilized varied very little by type of farm. In most of the humid areas, the amount of fertilizer and lime used per acre was higher on the all crop farms than on general crop and livestock types of farms. The quantity of liming materials applied per acre was substantially lower on all types of farms in the South than in the Central or Northern States.

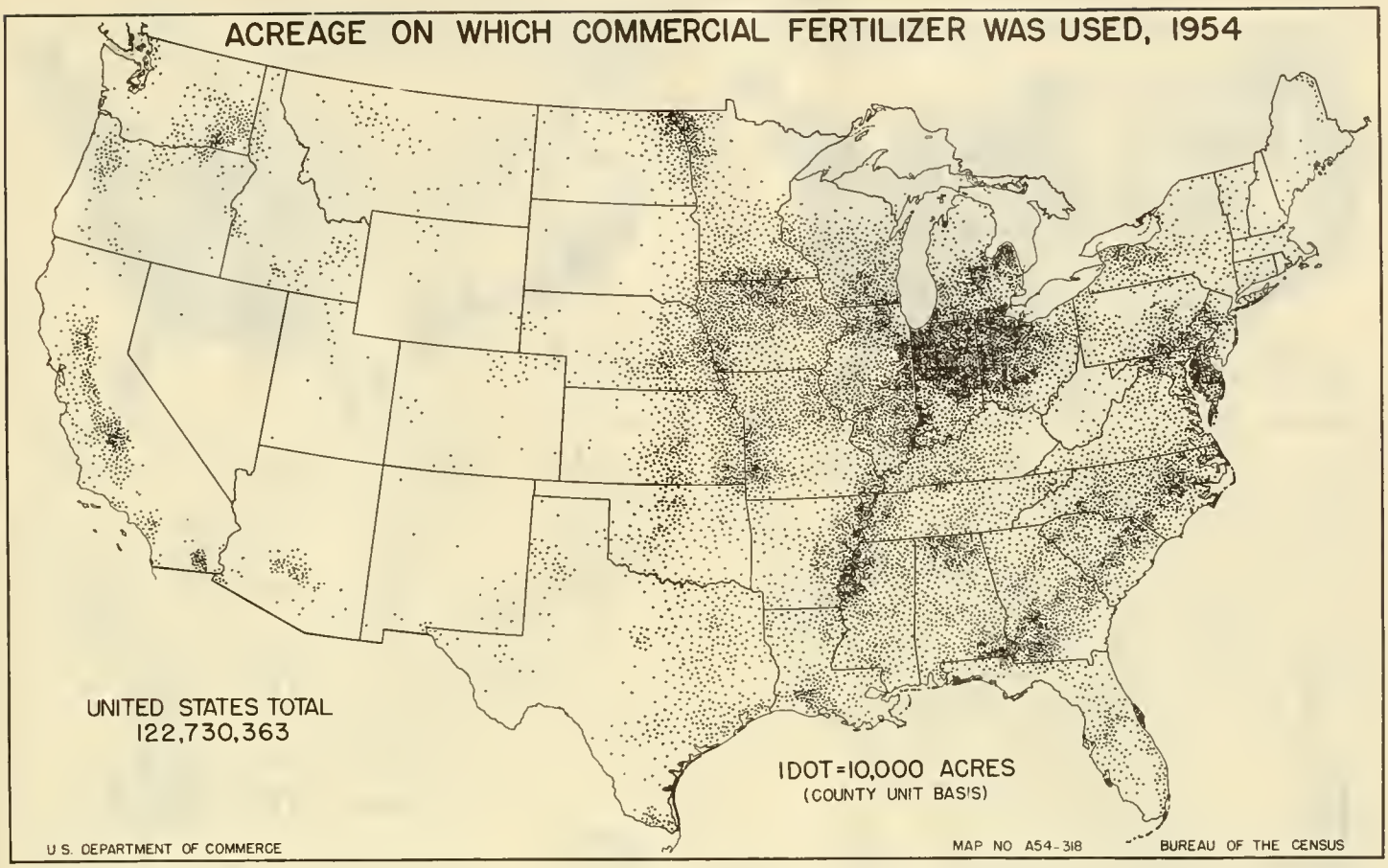
Generally there appeared to be no consistent relationship between quantity of fertilizer or liming materials applied per acre or between percentage of cropland and improved permanent pasture fertilized or limed and tenure of operator. However, a large part of the acreage operated and, consequently, a large part of the fertilizer and liming material used and most of the acreage fertilized or limed was on farms of owners, part owners, and managers.

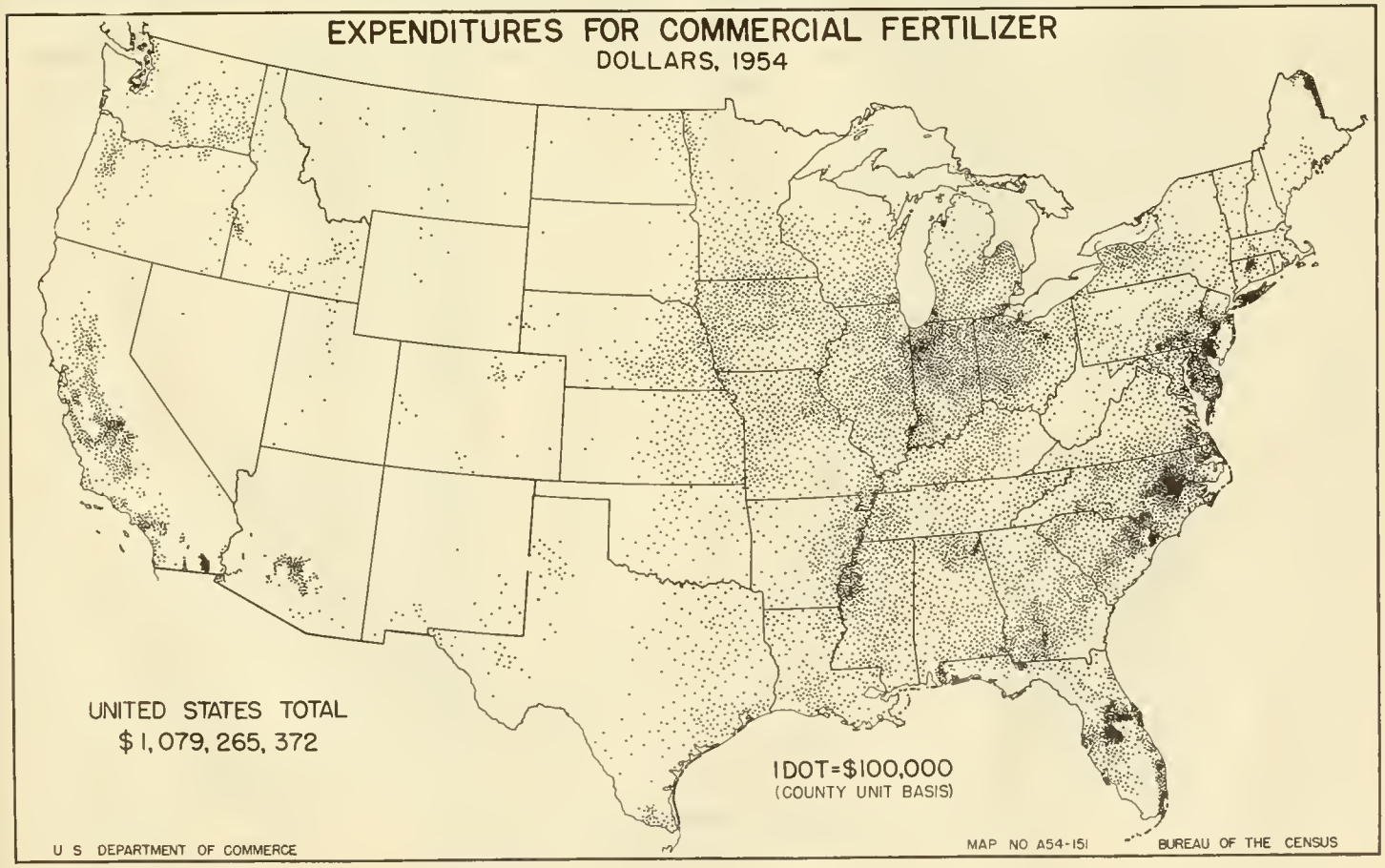
Fertilizer use by rate of use per acre.--Tables V and 7 present data for selected crops and selected State economic areas, for acres fertilized and quantity of fertilizer used for farms classified by rate of use per acre. The data given in table V are arranged by generalized type-of-farming areas. The distribution of farms, acres fertilized, and amount of fertilizer used by the rate of application differ significantly among areas for most of the selected crops. For example, the distribution of farms by rate of use of fertilizer for corn is significantly different for Dairy areas in New York and Wisconsin. Type of soil, climate, kind of crops grown, etc., have significant effects upon the rate of use of fertilizer by farmers.

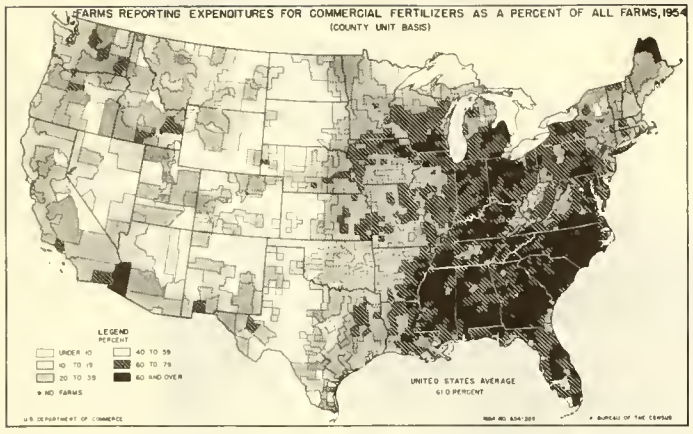

STATE ECONOMIC AREAS, 1950
LEGEND
STATE BOUNDARY
BOUNDARY OF STATE ECONOMIC AREA
State Economic Areas are identified by numbers and letters. The capital letters indicate that a State Metropolitan Area is located within the Economic Area

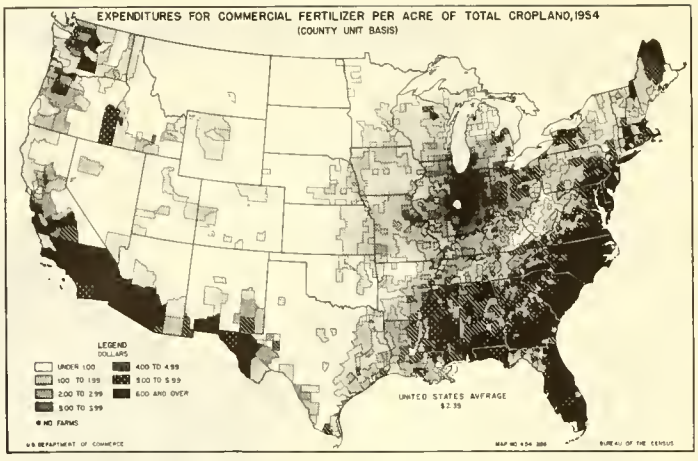

ECONOMIC SUBREGIONS

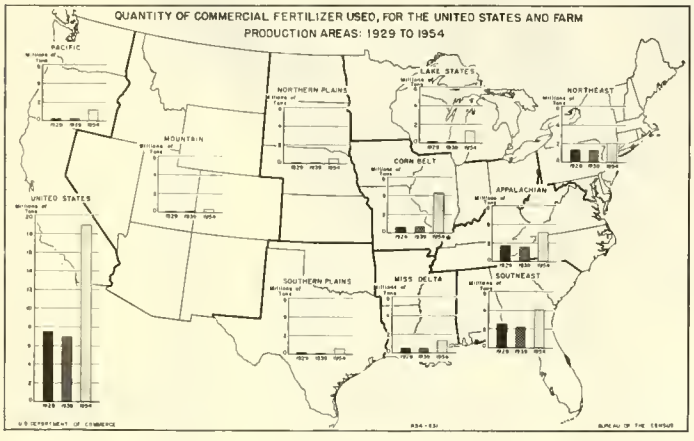

GENERALIZED TYPE OF FARMING AREAS, 1954
TYPE OF AREA
FRUIT, TRUCK AND MIXED (I)
RANGE LIVESTOCK (II)
WHEAT AND SMALL GRAINS (III)
DAIRY (IV)
FEED GRAIN AND LIVESTOCK (V)
GENERAL FARMING (VI)
COTTON (VII)
TOBACCO AND GENERAL FARMING (VIII)
SPECIAL CROPS (IX)
U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
MAP NO. A54-516

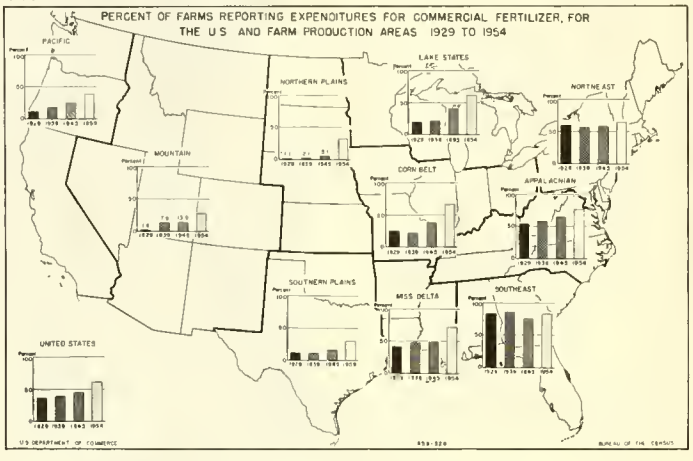

ACREAGE ON WHICH COMMERCIAL FERTILIZER WAS USED, 1954
UNITED STATES TOTAL
122,730,363
1 DOT = 10,000 ACRES
(COUNTY UNIT BASIS)
U.S. DEPARTMENT OF COMMERCE
MAP NO A54-318
BUREAU OF THE CENSUS

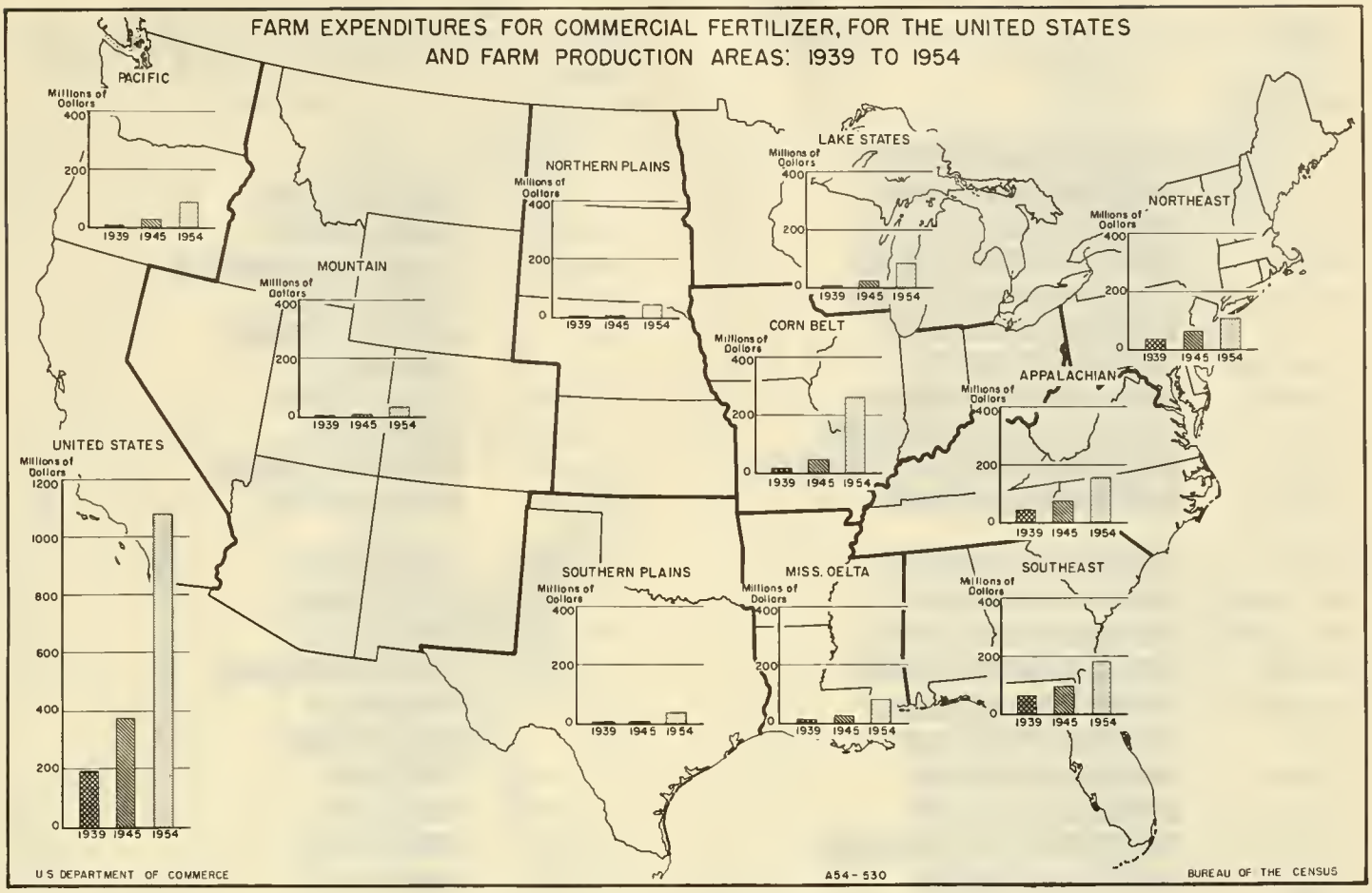

EXPENDITURES FOR COMMERCIAL FERTILIZER
DOLLARS, 1954
UNITED STATES TOTAL
$1,079,265,372
1 DOT = $100,000
(COUNTY UNIT BASIS)
U S DEPARTMENT OF COMMERCE
MAP NO A54-151
BUREAU OF THE CENSUS


FARMS REPORTING EXPENDITURES FOR COMMERCIAL FERTILIZERS AS A PERCENT OF ALL FARMS, 1954
(COUNTY UNIT BASIS)
LEGEND
PERCENT
UNDER 10
10 TO 19
20 TO 39
40 TO 59
60 TO 79
60 AND OVER
NO FARMS
UNITED STATES AVERAGE
61.0 PERCENT
U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS


EXPENDITURES FOR COMMERCIAL FERTILIZER PER ACRE OF TOTAL CROPLAND, 1954
(COUNTY UNIT BASIS)
LEGEND
DOLLARS
UNDER 1.00
1.00 TO 1.99
2.00 TO 2.99
3.00 TO 3.99
4.00 TO 4.99
5.00 TO 5.99
6.00 AND OVER
NO FARMS
UNITED STATES AVERAGE
$2.39
U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS


QUANTITY OF COMMERCIAL FERTILIZER USED, FOR THE UNITED STATES AND FARM PRODUCTION AREAS: 1929 TO 1954
PACIFIC
MOUNTAIN
NORTHERN PLAINS
LAKE STATES
CORN BELT
NORTHEAST
APPALACHIAN
SOUTHERN PLAINS
MISS. DELTA
SOUTHEAST
UNITED STATES
1929 1939 1954
U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS


PERCENT OF FARMS REPORTING EXPENDITURES FOR COMMERCIAL FERTILIZER, FOR THE U.S. AND FARM PRODUCTION AREAS 1929 TO 1954
PACIFIC
MOUNTAIN
NORTHERN PLAINS
LAKE STATES
CORN BELT
NORTHEAST
APPALACHIAN
SOUTHERN PLAINS
MISS. DELTA
SOUTHEAST
UNITED STATES
1929 1939 1945 1954
U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS



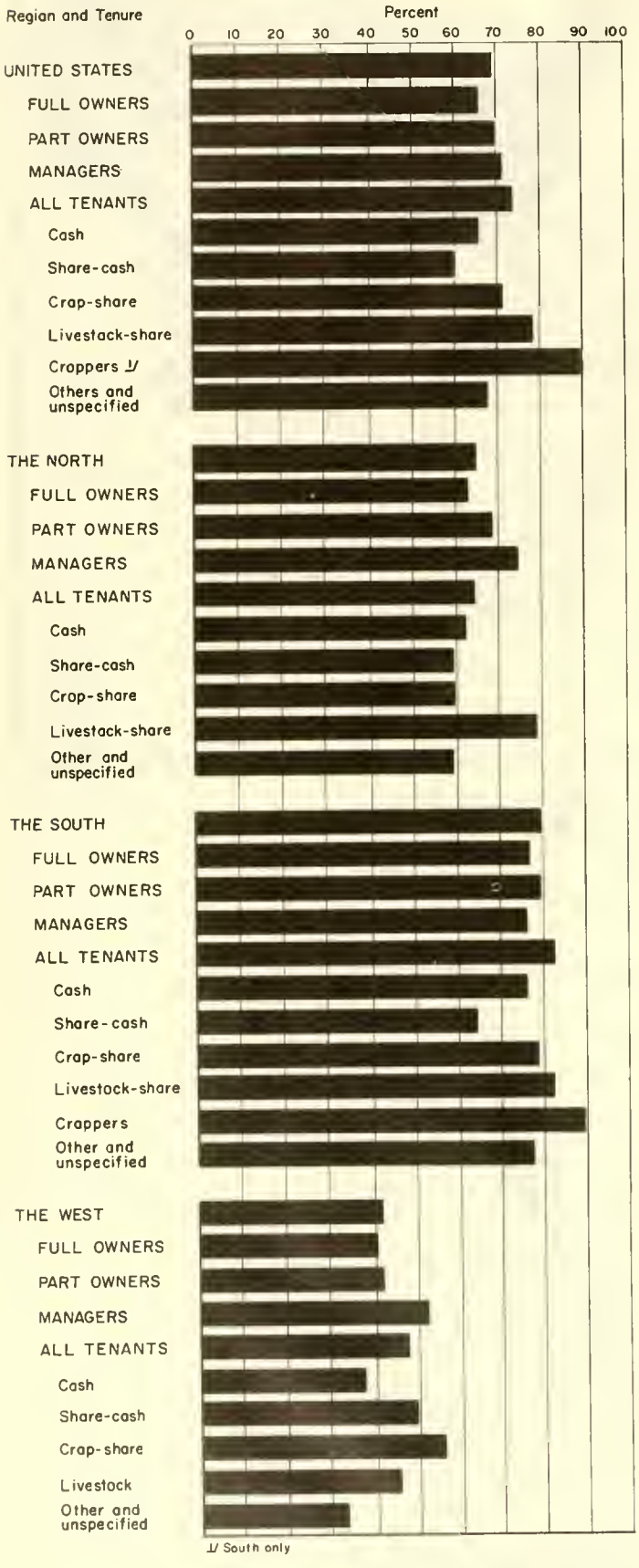
CHANGES IN USE OF FERTILIZER AND LIME IN THE UNITED STATES, 1910–1955

1947-49=100

Source U.S. Department of Agriculture

USE OF FERTILIZER AND LIME

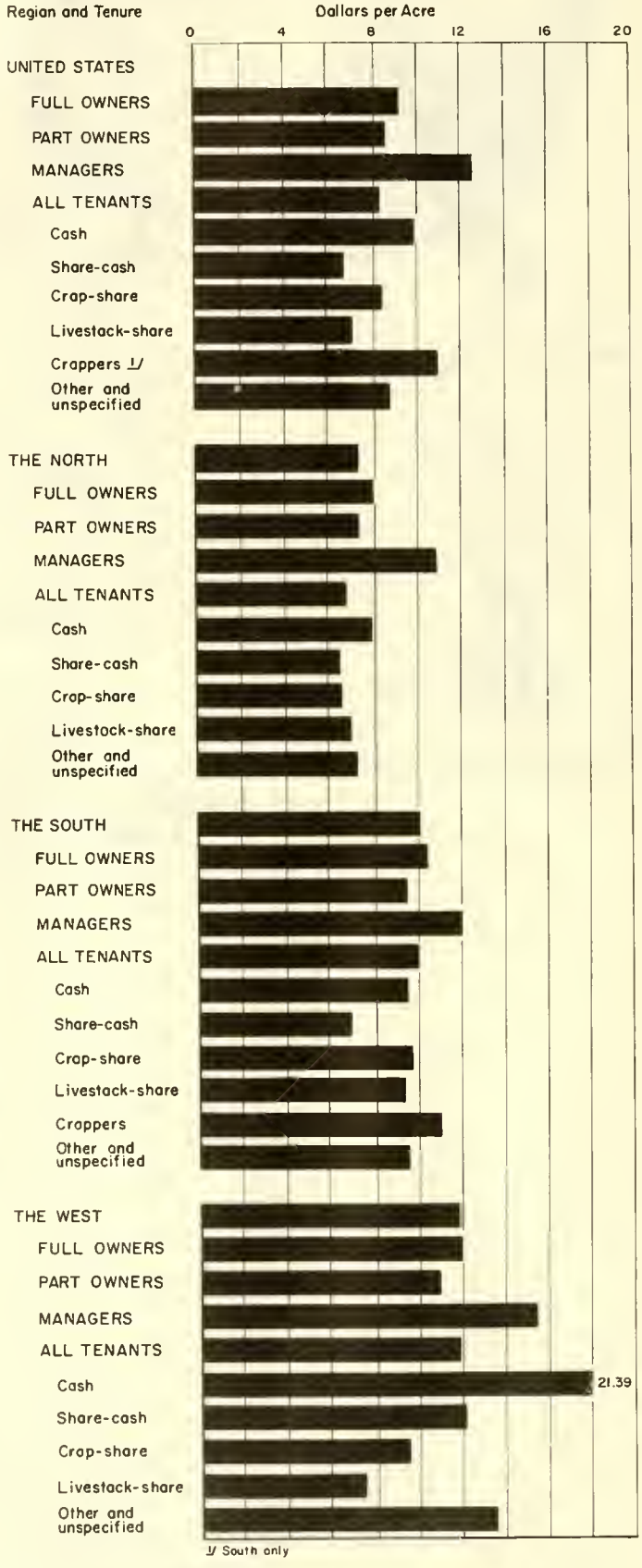
PERCENT OF FARMS USING COMMERCIAL FERTILIZER, BY TENURE, COMMERCIAL FARMS, UNITED STATES AND REGIONS: 1954



1/ South only

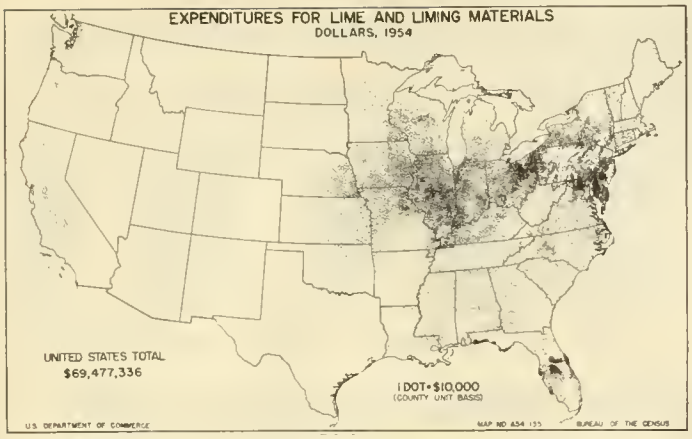
54C-114

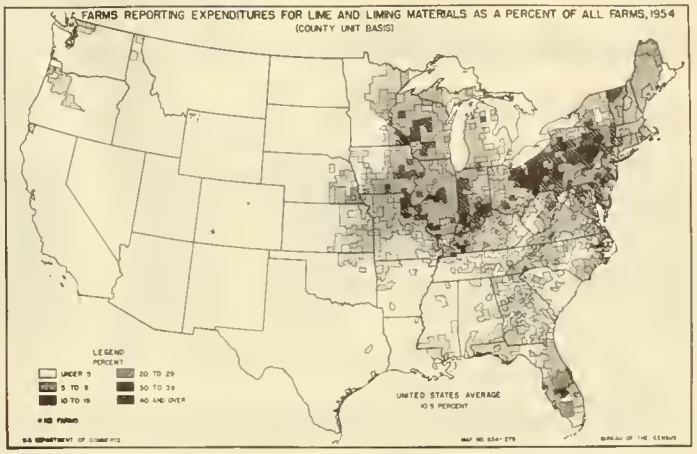
AVERAGE EXPENDITURE PER ACRE FOR COMMERCIAL FERTILIZER AND FERTILIZER MATERIAL, BY TENURE OF OPERATOR, COMMERCIAL FARMS, UNITED STATES AND REGIONS: 1954

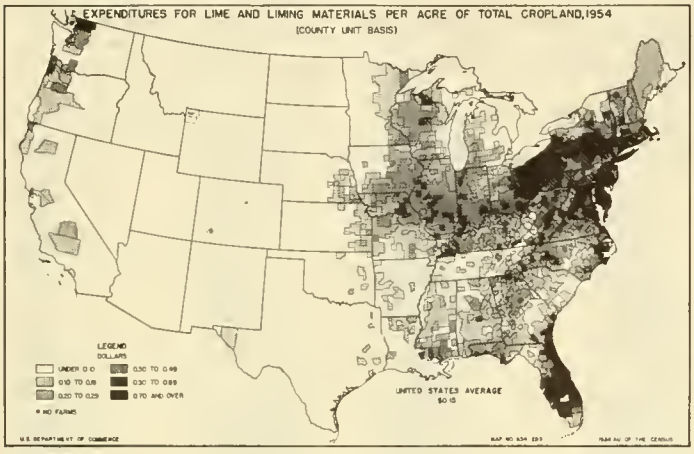


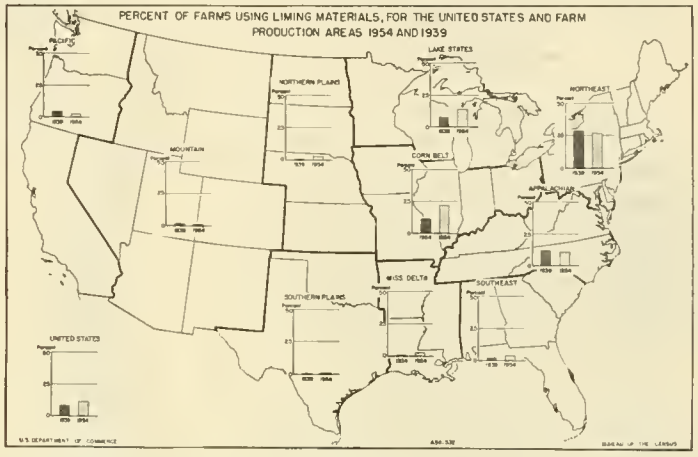
1/ South only

54C-115

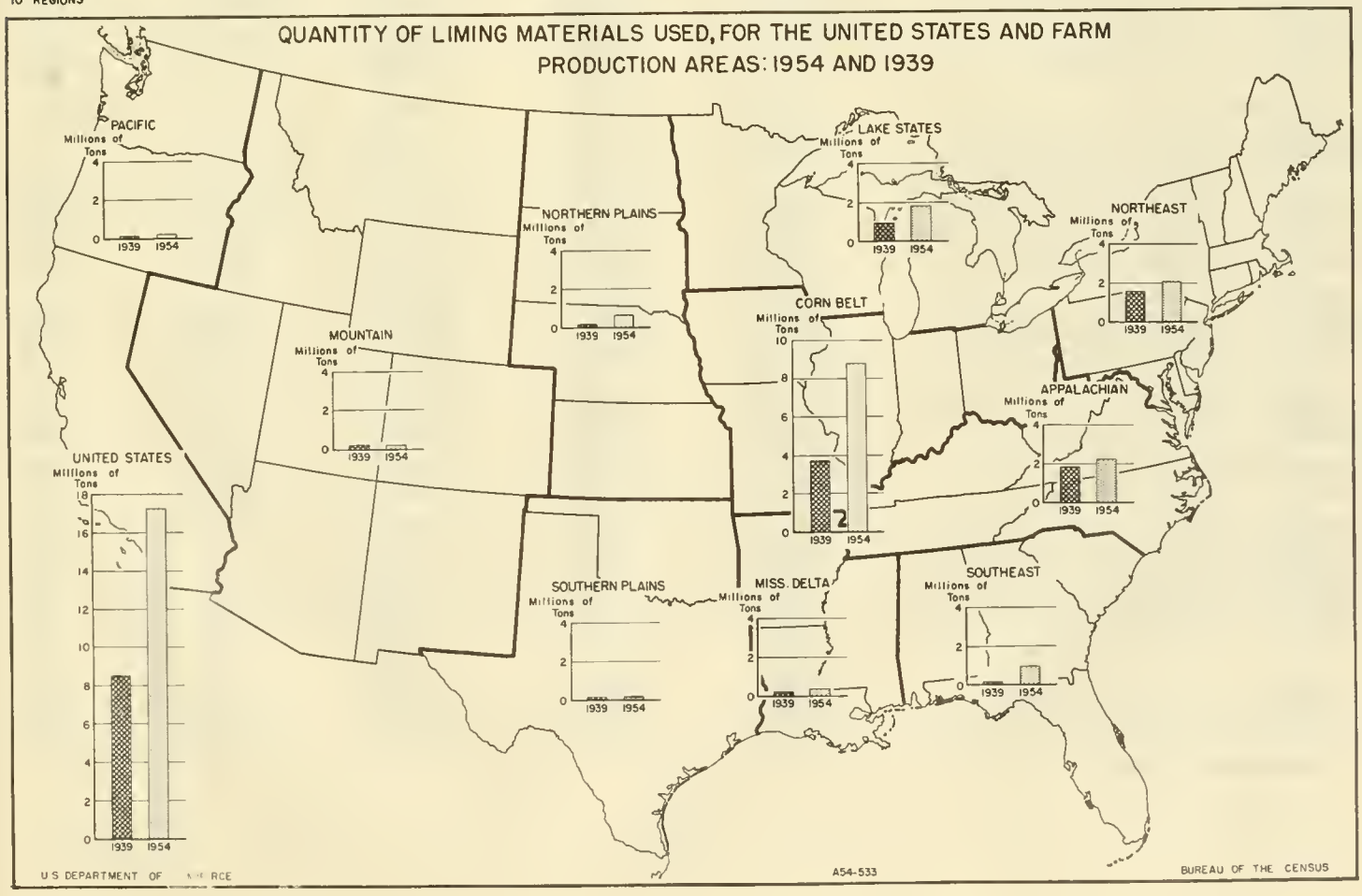

EXPENDITURES FOR LIME AND LIMING MATERIALS
DOLLARS, 1954
UNITED STATES TOTAL
$69,477,336
1 DOT = $10,000
(COUNTY UNIT BASIS)
U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS


U.S. FARMS REPORTING EXPENDITURES FOR LIME AND LIMING MATERIALS AS A PERCENT OF ALL FARMS, 1954
(COUNTY UNIT BASIS)
LEGEND
PERCENT
UNDER 5
5 TO 9
10 TO 19
20 TO 29
30 TO 39
40 AND OVER
UNITED STATES AVERAGE
10.9 PERCENT
BUREAU OF THE CENSUS


U.S. EXPENDITURES FOR LIME AND LIMING MATERIALS PER ACRE OF TOTAL CROPLAND, 1954
(COUNTY UNIT BASIS)
LEGEND
DOLLARS
UNDER 0.10
0.10 TO 0.19
0.20 TO 0.29
0.30 TO 0.49
0.50 TO 0.69
0.70 AND OVER
NO FARMS
UNITED STATES AVERAGE
$0.15
BUREAU OF THE CENSUS


PERCENT OF FARMS USING LIMING MATERIALS, FOR THE UNITED STATES AND FARM PRODUCTION AREAS 1954 AND 1939
PACIFIC
LAKE STATES
NORTHERN PLAINS
NORTHEAST
MOUNTAIN
CORN BELT
APPALACHIAN
MISS. DELTA
SOUTHERN PLAINS
SOUTHEAST
UNITED STATES
1939
1954
U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

10 REGIONS


QUANTITY OF LIMING MATERIALS USED, FOR THE UNITED STATES AND FARM PRODUCTION AREAS: 1954 AND 1939
PACIFIC
LAKE STATES
NORTHERN PLAINS
NORTHEAST
MOUNTAIN
CORN BELT
APPALACHIAN
UNITED STATES
SOUTHERN PLAINS
MISS. DELTA
SOUTHEAST
Millions of Tons
1939
1954
U.S. DEPARTMENT OF COMMERCE
A54-533
BUREAU OF THE CENSUS

USE OF FERTILIZER AND LIME

Table I.—EXPENDITURE FOR FERTILIZER, BY GEOGRAPHIC DIVISIONS: 1879 TO 1954

Geographic Division	Expenditure for fertilizer (dollars)							
	1954	1944	1939	1919[1]	1909[1]	1899	1889	1879
United States	1,079,265,372	374,021,755	195,927,959	326,399,520	114,882,541	53,430,910	38,469,598	28,586,397
New England	21,414,976	17,823,652	9,990,907	18,322,697	9,407,759	4,297,705	2,599,314	1,796,386
Middle Atlantic	70,356,033	37,693,845	22,674,297	41,438,394	18,221,474	11,344,290	8,849,755	7,842,422
East North Central	228,229,489	57,465,278	23,460,096	30,589,412	8,058,881	5,866,520	2,783,782	1,544,775
West North Central	162,696,204	13,983,044	2,982,001	6,168,462	983,216	1,407,175	283,733	384,048
South Atlantic	261,140,887	140,828,460	88,359,431	185,700,177	59,625,130	22,732,670	18,759,139	14,832,926
East South Central	135,477,304	51,473,941	28,702,396	25,476,855	12,901,239	5,337,708	3,889,244	1,627,325
West South Central	78,896,755	20,079,575	8,690,222	8,696,846	3,225,927	1,374,116	1,062,769	409,416
Mountain	32,174,689	4,813,512	1,289,631	808,518	159,342	77,116	67,973	29,848
Pacific	88,879,035	29,860,448	9,778,978	9,198,159	2,299,573	993,610	173,889	119,251

[1]Includes expenditure for manure.

Table II.—QUANTITY OF COMMERCIAL FERTILIZER AND LIME USED, BY FARM-PRODUCTION REGIONS AND STATES, 1929 TO 1954

Region and State	Commercial fertilizer used (tons)			Lime and liming materials used (tons)	
	1954	1939	1929	1954	1939
United States	18,953,360	[1]7,003,826	[1]7,535,022	17,276,170	[1]8,516,107
Northeast	2,065,964	1,327,897	1,366,835	2,050,274	1,588,043
Maine	169,870	147,410	170,950	40,543	37,511
New Hampshire	17,829	9,929	11,500	19,169	12,998
Vermont	45,664	25,889	17,443	66,869	27,954
Massachusetts	57,156	51,587	68,611	38,497	32,681
Rhode Island	5,788	7,963	7,909	3,306	4,474
Connecticut	66,827	47,834	68,890	42,796	39,385
New York	516,900	333,107	287,959	590,689	467,416
New Jersey	237,580	170,540	162,361	113,253	90,513
Pennsylvania	608,640	351,321	348,113	877,158	743,939
Delaware	75,080	30,989	42,736	38,894	17,390
Meryland	264,630	151,328	180,363	219,100	113,782
Corn Belt	4,346,266	712,215	668,997	8,813,735	3,755,970
Ohio	968,929	357,354	330,444	1,548,047	489,919
Indiana	1,041,298	210,080	206,144	1,759,676	439,394
Illinois	1,047,217	74,766	53,800	2,513,272	1,876,961
Iowa	614,570	12,079	21,177	1,539,893	574,153
Missouri	674,252	57,936	57,432	1,452,847	375,543
Lake States	1,316,340	214,192	198,472	1,822,281	949,672
Michigan	567,238	152,480	140,083	440,254	369,883
Wisconsin	432,093	48,294	42,586	997,331	545,817
Minnesota	317,009	13,418	15,803	384,696	33,972
Northern Plains	535,993	16,625	11,920	663,709	38,477
North Dakota	53,998	1,446	958	60	528
South Dakota	38,490	272	133	634	54
Nebraska	218,027	1,636	732	288,029	684
Kansas	225,478	13,271	10,097	374,986	37,211
Appalachian	3,194,912	1,608,382	1,773,779	2,241,440	1,847,021
West Virginia	67,810	51,937	45,656	176,412	186,358
Kentucky	556,880	115,072	92,823	1,082,240	655,726
Tennessee	531,456	136,971	138,600	232,556	383,322
Virginia	642,366	356,479	388,937	452,757	449,904
North Carolina	1,396,400	947,923	1,107,763	297,475	171,711
Southeast	4,036,686	2,232,718	2,588,252	971,257	128,886
South Carolina	776,745	587,341	708,470	124,590	39,286
Georgia	1,240,538	700,044	860,602	279,670	23,894
Florida	1,056,969	419,356	372,473	363,776	37,030
Alabama	962,434	525,977	646,707	203,221	28,676
Delta States	1,347,665	503,967	578,647	389,783	32,390
Mississippi	707,674	305,926	307,697	185,268	6,144
Louisiana	293,181	129,212	143,657	87,977	4,226
Arkansas	346,810	68,829	127,293	116,538	22,020
Southern Plains	616,757	84,892	160,905	120,043	12,100
Oklahoma	126,017	4,814	7,895	76,603	8,988
Texas	490,740	80,078	153,010	43,440	3,112
Mountain	373,364	28,783	10,272	3,841	14,677
Montana	27,432	3,974	248	403	411
Idaho	110,620	6,841	2,091	...	2,685
Wyoming	11,784	1,978	358	631	5,619
Colorado	45,958	3,660	1,175	799	3,051
New Mexico	28,901	2,674	2,339	496	840
Arizona	123,961	6,951	3,704	1,245	1,401
Utah	21,423	2,583	264	202	568
Nevada	3,285	122	93	65	102
Pacific	1,119,413	274,007	176,638	199,807	148,615
Washington	156,246	22,843	21,561	30,408	17,044
Oregon	148,425	18,623	12,467	34,804	20,848
California	814,742	232,541	142,610	134,595	110,723

[1]Includes District of Columbia.

Table III.—QUANTITY OF FERTILIZER USED AND AVERAGE RATE USED PER ACRE ON SPECIFIED CROPS, BY GENERALIZED TYPE OF FARMING AREAS: 1954

See map on page XIV for location of generalized type-of-farming areas and subdivisions, and map on page XIII for location of subregions

Crop and item	Total	Fruit, Truck, and Mixed Farming Area (I)	Range Livestock Area (II)	Wheat and Small Grains Area (III)	Dairy Area (IV)	Feed Grains and Livestock Area (Corn Belt) (V)	General Farming Area (VI)	Cotton Area (VII)	Tobacco and General Farming Area (VIII)	Special Crops and General Farming Area (IX)
Corn.....percent of acres fertilized...	60	85	20	10	79	50	81	76	87	91
tons of fertilizer used...	6,017,805	240,527	25,273	15,121	895,607	2,194,984	777,469	1,181,963	328,684	358,177
average pounds applied per acre...	259	397	146	98	267	208	291	301	380	366
Cotton.....percent of acres fertilized...	55	73	13	12	...	(NA)	102	63	...	74
tons of fertilizer used...	1,827,348	235,690	46,504	6,023	...	(NA)	16,092	1,377,537	...	145,502
average pounds applied per acre...	374	355	266	185	...	(NA)	517	374	...	480
Tobacco.....percent of acres fertilized...	97	85	...	...	100	81	96	97	98	97
tons of fertilizer used...	773,320	574	...	...	33,890	4,016	203,705	42,352	463,226	25,557
average pounds applied per acre...	1,347	1,529	...	...	3,390	854	1,350	1,253	1,304	1,333
Sugar beets.....percent of acres fertilized...	90	...	89	97	...	...	90	...	...	...
tons of fertilizer used...	48,702	...	22,945	2,396	...	...	23,361	...	...	...
average pounds applied per acre...	336	...	274	267	...	...	450	...	...	...
Fruits, vegetables, and potatoes.....percent of acres fertilized...	68	70	57	56	71	54	67	71	106	60
tons of fertilizer used...	2,680,296	1,532,542	43,335	22,936	571,650	52,140	138,459	247,530	25,475	46,229
average pounds applied per acre...	850	1,103	385	255	809	413	627	632	790	559
Wheat.....percent of acres fertilized...	29	91	18	14	77	57	54	(NA)	(NA)	(NA)
tons of fertilizer used...	1,064,104	37,512	45,085	120,006	231,095	474,439	155,967	(NA)	(NA)	(NA)
average pounds applied per acre...	191	322	125	74	315	226	243	(NA)	(NA)	(NA)
Oats.....percent of acres fertilized...	31	81	38	29	42	14	(NA)	(NA)	(NA)	(NA)
tons of fertilizer used...	285,984	14,464	5,654	9,125	208,027	48,714	(NA)	(NA)	(NA)	(NA)
average pounds applied per acre...	199	228	381	83	208	194	(NA)	(NA)	(NA)	(NA)
Other crops except hay.....percent of acres fertilized...	25	50	11	10	61	21	41	31	51	83
tons of fertilizer used...	3,521,453	392,480	89,396	134,398	596,266	694,626	306,687	826,083	115,160	366,357
average pounds applied per acre...	259	303	162	89	309	210	310	329	412	301
Hay and cropland pasture.....percent of acres fertilized...	10	15	5	3	9	8	12	16	12	13
tons of fertilizer used...	2,000,860	200,265	73,164	21,863	378,590	320,096	354,698	479,326	100,154	72,704
average pounds applied per acre...	302	342	188	133	332	272	330	300	356	348
All crops and cropland pasture..percent of acres fertilized...	30	46	10	11	36	30	36	41	43	60
tons of fertilizer used...	18,219,872	2,654,054	351,356	331,868	2,915,125	3,789,015	1,976,438	4,154,791	1,032,699	1,014,526
average pounds applied per acre...	308	562	189	90	329	217	339	342	570	361
Improved pasture.....percent of acres fertilized...	24	40	2	5	33	28	30	31	47	48
tons of fertilizer used...	649,245	104,803	7,610	2,763	73,116	53,472	97,633	226,849	28,414	54,585
average pounds applied per acre...	304	323	169	131	344	249	347	284	382	331
All crops and pasture.....percent of acres fertilized...	14	19	1	5	28	25	23	26	38	42
tons of fertilizer used...	18,953,360	2,764,423	359,675	335,385	3,005,667	3,868,959	2,084,610	4,397,108	1,065,322	1,072,211
average pounds applied per acre...	309	548	189	90	331	219	341	339	563	359

NA Not available.

Table IV.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF LIME, BY SUBREGIONS, BY GENERALIZED TYPE-OF-FARMING AREAS: 1954

[See map on page XIV for location of generalized type-of-farming areas and subdivisions, and map on page XIII for location of subregions]

Generalized type-of-farming area, subregion and type-of-farming subdivision	Area number on map	Fertilizer									
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay		Corn fertilized	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
United States, total	...	18,953,360	309	2,000,860	302	649,245	304	16,219,012	308	6,017,805	259
FRUIT, TRUCK, AND MIXED FARMING AREA											
Total	I	2,764,423	548	200,265	342	104,803	323	2,453,789	593	240,527	397
Subregions:											
5, 14 and 15 (Atlantic Sandy Coastal Plain)	...	651,546	660	64,541	464	9,440	428	575,748	698	159,448	466
39 (Central and Southern Florida)	...	836,124	146	25,313	370	68,629	313	741,983	1,704	2,251	417
58 (Gulf Coast)	...	170,977	493	26,489	415	13,987	399	129,905	523	47,045	422
50 (Eastern Shore, Lake Michigan)	...	94,946	296	6,454	269	557	262	87,297	295	24,266	221
82 (Ozark Plateau)	...	54,251	206	11,225	225	1,652	220	40,940	198	6,849	199
99 (Lower Rio Grande Valley)	...	35,981	265	1,555	155	263	334	34,224	273	668	228
116 and 117 (San Joaquin Valley and Central California Coast)	...	558,595	392	26,917	283	8,638	262	521,597	401	(NA)	(NA)
114 and 115 (Southern California, Southern Arizona)	...	362,003	431	37,771	280	1,637	300	322,095	460	(NA)	(NA)
RANGE LIVESTOCK AREA											
Total	II	359,675	189	73,164	188	7,610	169	278,192	189	25,273	146
Subregions:											
83 (Osage-Flint Hills)	...	90,981	133	10,636	177	2,662	176	77,565	127	10,441	129
98 (Rio Grande Plains)	...	32,311	180	7,765	155	772	122	23,720	192	3,308	132
100, 102, and 107 (Southern High Plains; Edwards Plateau)	...	29,237	228	7,761	240	304	140	21,135	226	1,079	204
104 (Northern Great Plains; Sand Hills)	...	8,922	143	2,163	146	106	111	6,639	142	1,750	111
108 (Southwestern semi-desert)	...	48,265	283	10,809	247	33	172	37,276	294	324	326
109 and 113 (Great Basin; Colorado Plateau and Southwest)	...	101,110	233	26,819	187	3,106	185	70,984	260	1,274	212
106 (Northern Great Plains)	...	48,849	200	7,211	164	627	174	40,873	208	7,097	181
WHEAT AND SMALL GRAINS AREA											
Total	III	335,385	90	21,863	133	2,763	131	310,005	88	15,121	98
Subregions:											
89 (Red River Valley)	...	84,793	86	5,349	134	591	138	78,706	84	5,841	103
90, 91, and 105 (Northern Plains)	...	35,919	54	2,840	102	418	100	32,677	52	4,436	83
94 (Central Kansas and Oklahoma)	...	70,227	86	5,023	126	457	102	64,429	84	2,912	104
103 (Central and Southern High Plains)	...	45,523	125	3,099	143	343	130	42,019	123	1,932	117
110 (Columbia River Basin)	...	98,923	111	5,552	159	954	174	92,174	109	...	...
DAIRY AREA											
Total	IV	3,005,667	331	378,590	332	73,116	344	2,536,535	328	895,607	267
Subregions:											
1, 2, 6, 7, 8, and 10 (Northern New England, Central Northeast)	..	529,427	522	94,749	378	13,398	379	418,318	573	95,626	369
3, 4, 9, 11, 12, 13, 16, 17, and 19 (Northeast Metropolitan Areas)	...	949,046	436	136,404	412	36,328	401	769,761	439	257,895	372
27 and 28 (Lake Erie Border, Southwest Pennsylvania)	...	341,874	339	32,685	334	9,287	332	297,932	337	122,216	325
49 and 64 (Southeast Michigan, Northeast Illinois, Northwest Indiana)	...	527,879	255	39,079	271	2,313	279	482,629	252	197,071	230
65, 67, and 68 (Central Wisconsin cut-over fringe)	...	405,931	211	33,439	250	4,152	244	367,026	206	207,535	190
66 (Lake States cut-over)	...	77,114	282	8,237	241	704	242	68,077	287	15,264	198
111, 118, and 119 (Northern Pacific Coast, Willamette Valley)	...	174,396	287	33,997	230	6,934	230	132,792	309	(NA)	(NA)
FEED GRAINS AND LIVESTOCK AREA (CORN BELT)											
Total	V	3,868,959	219	320,096	272	53,472	249	3,468,919	213	2,194,984	208
Subregions:											
47, 48, and 51 (Western Ohio, Central and Southwestern Indiana)	...	1,563,584	255	94,043	277	14,492	279	1,441,891	252	847,502	254
63 (Eastern Illinois cash-grain)	...	428,252	311	41,544	527	4,730	440	377,936	294	245,968	276
69 and 86 (Iowa, Minnesota, Illinois, Wisconsin Border)	...	555,296	182	55,705	248	5,311	223	491,630	174	368,743	166
70 (Eastern Iowa, Western Illinois)	...	226,964	229	22,350	397	2,772	323	200,795	216	143,300	202
71 (Southern Iowa, Northern Missouri, West Central Illinois)	...	370,147	235	34,177	310	9,442	305	324,465	226	205,264	225
84 and 85 (Central Missouri River Valley)	...	506,837	167	47,173	207	13,539	203	443,435	161	255,905	165
92 and 93 (Western Corn Belt Fringe)	...	137,217	136	9,070	166	2,362	144	125,129	133	81,914	139
87 and 88 (Northwestern Corn Belt Fringe, Minnesota cut-over dairy)	...	80,662	157	16,034	196	824	153	63,638	149	46,388	146
GENERAL FARMING AREA											
Total	VI	2,084,610	341	354,698	330	97,633	347	1,621,740	341	777,469	291
Subregions:											
18 and 20 (Central Virginia and Appalachian Valley)	...	133,841	442	33,742	462	14,421	467	84,926	426	33,767	394
22 and 37 (Atlantic Coast)	...	345,533	606	22,928	458	9,422	459	311,882	628	142,745	466
26, 29, 30, 31, 32, 33, 44, 46, 54, and 54 (Upper Ohio and Appalachian Valleys, Tennessee Basin, and Kentucky coal fields)	...	1,125,807	356	224,217	334	61,602	333	834,115	360	444,258	296
62 and 72 (Southern Illinois Dairy, Livestock and Poultry)	...	252,356	217	22,125	336	5,445	328	223,267	207	127,281	199
73 (Ozark Mountains and Border)	...	119,027	229	27,083	265	4,328	273	86,672	216	29,418	214
112 (Central Utah, Southern Idaho)	...	108,046	276	24,603	218	2,415	187	80,878	304	(NA)	(NA)
COTTON AREA											
Total	VII	4,397,108	339	479,326	300	226,849	284	3,675,465	348	1,181,963	301
Subregions:											
34 and 42 (Southern Piedmont)	...	726,949	398	114,708	347	55,043	315	554,220	422	171,253	353
23, 35, 36, 38, 40, and 43 (Central and Lower Coastal Plains)	...	1,438,063	457	119,300	360	64,991	359	1,250,384	477	452,325	332
55 and 56 (Upper Coastal Plains, Limestone Valleys)	...	384,904	398	37,542	393	16,931	340	329,031	402	144,783	312
57 and 59 (Alabama-Mississippi Black Belt, Gulf Coast Piney Woods)	...	457,382	365	67,966	337	36,064	309	352,264	378	146,073	297
60 and 61 (Western Tennessee, Northern Mississippi)	...	382,742	328	25,615	298	9,292	256	345,799	331	116,923	259
74 and 81 (Arkansas River Valley, Western Sandy Coastal Plains)	...	58,211	249	11,520	243	3,623	214	42,915	252	10,767	236
75 and 76 (Delta and Gulf Coastal Plains)	...	573,466	228	23,788	199	7,860	153	538,785	230	76,950	218
80 (Gulf Coastal Plains)	...	208,990	258	36,545	244	20,662	218	150,991	268	48,930	250
101 (Oklahoma-Texas Rolling Plains)	...	24,823	113	4,178	150	733	117	19,848	107	361	158
95, 96, and 97 (Mixed Prairie, Cross Timbers and Grand Prairie)	...	141,578	169	38,164	183	11,650	162	91,228	163	13,598	172
TOBACCO AND GENERAL FARMING AREA											
Total	VIII	1,065,322	563	100,154	356	28,414	382	932,545	609	328,684	380
Subregions:											
45 (Central Kentucky—Barley)	...	169,386	655	25,493	345	4,469	287	138,620	816	36,353	396
53 (Kentucky-Tennessee—Dark)	...	156,413	327	22,840	289	3,862	291	128,789	335	69,656	252
24 and 25 (Piedmont and Central Coastal Plains, Flue-cured)	...	739,523	640	51,821	404	20,083	440	665,136	681	222,675	448
SPECIAL CROPS AND GENERAL FARMING AREA											
Total	IX	1,072,211	359	72,704	348	54,585	331	941,822	362	358,177	366
Subregions:											
77 and 78 (Gulf Coast, Texas, and Louisiana)	...	181,674	201	10,921	225	5,997	226	164,299	198	13,945	196
79 (Texas-Louisiana cut-over)	...	28,530	272	8,318	295	3,585	215	16,506	275	6,671	287
21 (Northern Coastal Plains)	...	239,411	614	11,938	567	5,059	571	221,349	618	116,136	618
41 (Southern Coastal Plains)	...	622,596	393	41,527	372	39,944	354	539,668	398	221,425	318

NA Not available.

Table IV.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF LIME, BY SUBREGIONS, BY GENERALIZED TYPE-OF-FARMING AREAS: 1954–Continued

[See map on page XIV for location of generalized type-of-farming areas and subdivisions, and map on page XIII for location of subregions]

Generalized type-of-farming area, subregion and type-of-farming subdivision	Area number on map	Fertilizer—Continued						Lime		
		Cotton fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture limed	Quantity used per acre limed
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)			(pounds)
United States, total	...	1,827,348	374	2,680,296	850	5,693,563	267	10,502,965	2.2	3,290
FRUIT, TRUCK, AND MIXED FARMING AREA										
Total	I	235,690	355	1,532,542	1,103	445,030	301	953,047	3.7	1,998
Subregions:										
5, 14, and 15 (Atlantic Sandy Coastal Plain)	...	...	...	303,758	1,424	112,542	417	351,303	10.6	1,739
39 (Central and Southern Florida)	...	104	756	711,651	1,802	27,977	800	386,694	15.0	1,583
58 (Gulf Coast)	...	13,069	567	54,541	705	15,250	420	65,312	4.9	1,795
50 (Eastern Shore, Lake Michigan)	...	...	...	32,218	480	30,813	259	53,863	3.2	3,867
82 (Ozark Plateau)	...	6	160	1,939	386	32,146	192	26,023	1.7	3,488
99 (Lower Rio Grande Valley)	...	18,197	239	14,474	333	885	318	1,050	0.1	1,610
116 and 117 (San Joaquin Valley and Central California Coast)	...	120,920	368	253,152	672	147,525	248	63,337	0.6	3,976
114 and 115 (Southern California, Southern Arizona)	...	83,394	354	160,809	759	77,892	309	5,465	0.1	2,134
RANGE LIVESTOCK AREA										
Total	II	46,504	266	43,335	385	163,080	161	83,544	0.2	3,710
Subregions:										
83 (Osage-Flint Hills)	...	541	152	295	295	66,288	126	75,750	1.7	3,890
98 (Rio Grande Plains)	...	3,845	187	10,558	291	6,009	144	121	(Z)	959
100, 102, and 107 (Southern High Plains; Edwards Plateau)	...	10,531	259	1,467	338	8,058	186	430	(Z)	930
104 (Northern Great Plains; Sand Hills)	...	...	...	43	242	4,846	158	813	(Z)	2,197
108 (Southwestern semi-desert)	...	31,520	288	2,023	416	3,409	300	901	0.1	3,587
109 and 113 (Great Basin; Colorado Plateau and Southwest)	...	67	292	25,819	469	43,824	207	4,567	(Z)	1,843
106 (Northern Great Plains)	...	...	...	3,130	289	30,646	209	962	(Z)	1,335
WHEAT AND SMALL GRAINS AREA										
Total	III	6,023	185	22,936	255	265,925	82	45,151	(Z)	3,318
Subregions:										
89 (Red River Valley)	...	...	...	10,692	210	62,173	75	191	(Z)	1,738
90, 91 and 105 (Northern Plains)	...	...	...	447	174	27,794	48	415	(Z)	1,017
94 (Central Kansas and Oklahoma)	...	726	151	168	184	60,623	82	41,881	0.5	3,353
103 (Central and Southern High Plains)	...	5,297	190	2,724	464	32,066	110	2,534	(Z)	3,383
110 (Columbia River Basin)	...	...	...	8,905	301	83,269	102	130	(Z)	462
DAIRY AREA										
Total	IV	...	...	571,650	809	1,069,278	291	2,573,015	4.7	3,090
Subregions:										
1, 2, 6, 7, 8, and 10 (Northern New England, Central Northeast)	...	...	...	215,427	1,362	107,265	343	529,381	5.5	2,717
3, 4, 9, 11, 12, 13, 16, 17, and 19 (Northeast Metropolitan Areas)	...	...	...	170,681	842	341,185	397	679,402	7.2	2,469
27 and 28 (Lake Erie border, Southwest Pennsylvania)	...	...	...	33,207	746	142,509	308	518,475	9.9	3,391
49 and 64 (Southeast Michigan, Northeast Illinois, Northwest Indiana)	...	...	...	41,008	641	244,550	247	207,229	2.5	3,467
65, 67, and 68 (Central Wisconsin cut-over fringe)	...	...	...	31,105	381	128,386	211	516,525	3.6	3,794
66 (Lake States cut-over)	...	...	...	18,752	756	34,061	252	72,261	1.9	3,684
111, 118, and 119 (Northern Pacific Coast, Willamette Valley)	...	...	...	61,470	470	71,322	239	49,742	1.1	2,660
FEED GRAINS AND LIVESTOCK AREA (CORN BELT)										
Total	V	(NA)	(NA)	52,140	413	1,221,795	216	3,574,606	2.9	4,135
Subregions:										
47, 48, and 51 (Western Ohio, Central and Southwestern Indiana)	...	(NA)	(NA)	30,420	558	563,969	243	1,122,217	5.1	3,839
63 (Eastern Illinois cash-grain)	...	...	...	3,280	372	128,688	334	447,953	5.0	4,161
69 and 86 (Iowa, Minnesota, Illinois, Wisconsin Border)	...	...	...	12,652	306	110,235	196	352,214	1.8	5,189
70 (Eastern Iowa, Western Illinois)	...	...	...	1,456	335	56,039	259	504,507	5.4	4,217
71 (Southern Iowa, Northern Missouri, West Central Illinois)	...	...	...	1,427	298	117,774	227	599,297	5.2	4,333
84 and 85 (Central Missouri River Valley)	...	...	...	1,712	223	185,818	156	436,291	1.9	3,847
92 and 93 (Western Corn Belt Fringe)	...	...	...	223	271	42,992	122	81,037	0.5	3,442
87 and 88, Northwestern Corn Belt fringe, Minnesota cut-over dairy)	...	...	...	970	242	16,280	152	31,090	0.3	3,181
GENERAL FARMING AREA										
Total	VI	16,092	517	138,459	627	689,720	376	1,529,736	3.9	3,633
Subregions:										
18 and 20 (Central Virginia and Appalachian Valley)	...	...	...	8,708	385	42,451	466	73,901	4.7	3,143
22 and 37 (Atlantic Coast)	...	13,312	601	45,651	1,253	110,174	834	75,970	4.6	1,673
26, 29, 30, 31, 32, 33, 44, 46,52, and 54 (Upper Ohio and Appalachian Valleys, Tennessee Basin, and Kentucky coal fields)	...	1,050	463	54,646	628	334,161	461	1,054,336	5.4	3,465
62, 72 (Southern Illinois Dairy, Livestock and Poultry)	...	36	229	3,750	359	92,200	215	255,414	3.9	4,939
73 (Ozark Mountains and Border)	...	1,694	259	1,581	443	53,979	212	69,810	1.7	4,064
112 (Central Utah, Southern Idaho)	...	...	...	24,123	397	56,755	277	305	(Z)	1,193
COTTON AREA										
Total	VII	1,377,537	374	247,530	632	868,435	342	1,141,380	1.6	1,949
Subregions:										
34 and 42 (Southern Piedmont)	...	159,394	587	33,515	616	190,058	378	320,830	4.7	1,688
23, 35, 36, 38, 40, and 43 (Central and Lower Coastal Plains)	...	311,836	573	130,479	855	355,744	632	250,957	2.5	1,791
55 and 56 (Upper Coastal Plains, Limestone Valleys)	...	154,635	526	15,351	699	14,262	359	83,383	2.6	2,022
57 and 59 (Alabama-Mississippi Black Belt, Gulf Coast Piney Woods)	...	169,106	477	13,312	602	23,773	368	138,425	2.6	1,651
60 and 61 (Western Tennessee, Northern Mississippi)	...	112,615	428	6,218	622	110,043	342	96,280	1.8	2,073
74 and 81 (Arkansas River Valley, Western Sandy Coastal Plains)	...	16,318	267	5,348	372	10,482	214	27,571	1.0	2,705
75 and 76 (Delta and Gulf Coastal Plains)	...	369,748	249	11,810	370	80,277	172	144,154	1.3	2,784
80 (Gulf Coastal Plains)	...	57,165	256	24,872	420	20,024	236	49,021	0.9	1,903
101 (Oklahoma-Texas Rolling Plains)	...	7,835	105	541	224	11,111	105	2,010	(Z)	1,740
95, 96, and 97 (Mixed Prairie, Cross Timbers, and Grand Prairie)	...	18,885	166	6,084	269	52,661	153	28,749	0.2	2,209
TOBACCO AND GENERAL FARMING AREA										
Total	VIII	...	...	25,475	790	578,386	911	367,549	3.9	3,633
Subregions:										
45 (Central Kentucky—Burley)	...	...	...	881	808	101,386	1,319	105,738	3.3	4,897
53 (Kentucky-Tennessee—Dark)	...	(NA)	(NA)	1,266	703	57,867	540	172,843	6.4	3,658
24 and 25 (Piedmont and Central Coastal Plains, Flue-cured)	...	...	...	23,328	795	419,133	929	88,968	2.4	2,082
SPECIAL CROPS AND GENERAL FARMING AREA										
Total	IX	145,502	480	46,229	559	391,914	317	234,937	2.1	1,449
Subregions:										
77 and 78 (Gulf Coast, Texas, and Louisiana)	...	10,693	209	5,044	298	134,617	195	13,309	0.3	1,823
79 (Texas-Louisiana cut-over)	...	5,669	262	1,236	417	2,930	240	11,010	1.3	2,125
21 (Northern Coastal Plains)	...	...	...	5,269	863	99,944	610	51,304	5.0	1,301
41 (Southern Coastal Plains)	...	129,140	561	34,680	611	154,423	414	159,314	3.6	1,418

NA Not available. Z 0.05 percent or less.

Table V.–PERCENT DISTRIBUTION OF FARMS REPORTING, ACRES FERTILIZED AND FERTILIZER USED, BY FARMS CLASSIFIED BY RATE OF USE PER ACRE, FOR SELECTED CROPS, FOR SELECTED STATE ECONOMIC AREAS, BY TYPE-OF-FARMING AREAS: 1954

[See Table 7 for data on which these percentages are based]

Crop fertilized, type-of-farming area, and state economic area	Percent distribution by rate applied (pounds) per acre of—											
	Farms reporting				Acres fertilized				Tons of fertilizer used			
	Under 225 pounds	225 to 449 pounds	450 to 674 pounds	675 pounds and over	Under 225 pounds	225 to 449 pounds	450 to 674 pounds	675 pounds and over	Under 225 pounds	225 to 449 pounds	450 to 674 pounds	675 pounds and over
CORN												
Fruit, Truck Crops, and Mixed Farming Area (I):												
State Economic Areas 1 and 2, N. J.	9	35	28	27	9	36	28	26	3	22	28	47
Dairy Area (IV):												
State Economic Areas 1 and 2, N. Y.	19	56	18	7	20	59	16	5	10	54	24	12
State Economic Areas 7 and 8, Wisc.	67	29	3	1	69	29	2	1	51	40	5	3
Feed Grain and Livestock Area (V):												
State Economic Areas 1a and 1b, Iowa	80	18	2	1	82	17	1	(Z)	64	29	4	2
State Economic Areas 1 and 3, Ill.	66	24	6	4	69	24	5	2	43	33	11	12
State Economic Area 3, Mo.	80	16	2	1	83	14	2	1	64	25	6	6
General Farming Area (VI):												
State Economic Area 7, Ill.	53	32	8	7	54	32	8	5	30	37	16	18
State Economic Area 7, Ohio	33	52	10	5	41	50	7	2	26	55	14	6
Tobacco and General Farming Area (VIII):												
State Economic Areas 3, 4a, and 4b, N.C.	24	46	20	10	25	49	19	7	11	43	28	18
Cotton Area (VII):												
State Economic Area 5, Ala.	40	42	14	4	46	41	11	2	25	46	20	8
State Economic Area 5, Ga.	46	41	10	3	48	41	8	3	27	48	17	8
State Economic Area 2, Miss.	50	35	11	4	50	35	10	4	26	40	20	14
State Economic Area 6, S. C.	26	44	22	8	26	44	22	7	12	40	32	16
Tobacco and General Farming Area (VIII):												
State Economic Area 7, Va.	19	43	24	14	21	46	22	11	9	37	29	26
WHEAT												
Fruit, Truck Crops, and Mixed Farming Area (I):												
State Economic Areas 1 and 2, N. J.	13	52	23	12	15	54	22	8	6	45	29	20
Dairy Area (IV):												
State Economic Areas 1 and 2, N. Y.	17	66	14	3	18	69	11	2	10	67	17	6
Feed Grain and Livestock Area (V):												
State Economic Areas 1a and 1b, Iowa	91	8	1	...	96	3	1	...	88	7	5	...
State Economic Areas 1 and 3, Ill.	49	34	7	10	54	31	6	9	26	30	10	34
State Economic Area 3, Mo.	78	20	2	1	80	18	2	1	65	29	4	2
General Farming Area (VI):												
State Economic Area 7, Ill.	48	39	7	6	49	38	8	6	27	39	14	19
State Economic Area 7, Ohio	30	56	10	4	36	55	7	2	22	59	13	6
COTTON												
Cotton Area (VII):												
State Economic Area 5, Ala.	6	36	37	22	6	35	38	20	3	24	40	34
State Economic Area 5, Ga.	7	29	44	21	6	29	46	19	2	20	46	32
State Economic Area 2, Miss.	18	45	26	11	22	44	25	8	9	38	33	20
State Economic Area 6, S. C.	4	22	47	28	4	20	47	30	1	12	44	43
HAY AND CROPLAND PASTURE												
Fruit, Truck Crops, and Mixed Farming Area (I):												
State Economic Areas 1 and 2, N. J.	8	35	40	17	8	40	40	12	3	28	44	24
Dairy Area (IV):												
State Economic Areas 1 and 2, N. Y.	28	46	18	8	36	47	13	4	18	48	23	11
State Economic Areas 7 and 8, Wisc.	50	36	10	3	57	34	6	3	36	41	13	10
Feed Grain and Livestock Area (V):												
State Economic Areas 1a and 1b, Iowa	68	27	4	2	71	24	3	1	49	36	9	6
State Economic Areas 1 and 3, Ill.	24	28	16	32	26	30	14	30	7	18	14	60
State Economic Area 3, Mo.	65	21	6	8	72	18	4	5	46	24	10	20
General Farming Area (VI):												
State Economic Area 7, Ill.	23	31	12	35	30	26	13	32	7	15	12	66
State Economic Area 7, Ohio	35	41	14	10	41	41	13	5	22	41	21	16
Tobacco and General Farming Area (VIII):												
State Economic Areas 3, 4a, and 4b, N. C.	30	37	20	13	31	42	18	8	13	38	27	22
Cotton Area (VII):												
State Economic Area 5, Ala.	31	31	23	15	23	33	26	18	8	26	32	35
State Economic Area 5, Ga.	27	40	22	11	39	37	17	6	14	38	28	19
State Economic Area 2, Miss.	36	38	15	10	54	30	9	7	25	36	18	21
State Economic Area 6, S. C.	39	37	16	8	36	44	13	6	15	45	22	18
Tobacco and General Farming Area (VIII):												
State Economic Area 7, Va.	23	32	25	20	24	35	25	17	8	26	31	35

Z 0.05 percent or less.

Table V—PERCENT DISTRIBUTION OF FARMS REPORTING, ACRES FERTILIZED AND FERTILIZER USED, BY FARMS CLASSIFIED BY RATE OF USE PER ACRE, FOR SELECTED CROPS, FOR SELECTED STATE ECONOMIC AREAS, BY TYPE-OF-FARMING AREAS: 1954—Continued

See Table 7 for data on which these percentages are based

Fertilized crop, type-of-farming area, and State economic area	Percent distribution by rate applied (pounds) per acre of—											
	Farms reporting				Acres fertilized				Tons of fertilizer used			
	Under 750 pounds	750 to 1,499 pounds	1,500 to 2,249 pounds	2,250 pounds and over	Under 750 pounds	750 to 1,499 pounds	1,500 to 2,249 pounds	2,250 pounds and over	Under 750 pounds	750 to 1,499 pounds	1,500 to 2,249 pounds	2,250 pounds and over
OTHER PASTURE												
Fruit, Truck Crops, and Mixed Farming Area (I):												
State Economic Area 1 and 2, N. J.	10	40	35	15	12	49	28	11	4	40	35	21
Dairy Area (IV):												
State Economic Areas 1 and 2, N. Y.	26	48	13	13	37	47	8	8	13	48	14	25
State Economic Areas 7 and 8, Wisc.	48	36	13	3	50	37	9	5	28	40	16	15
Feed Grain and Livestock Area (V):												
State Economic Areas 1a and 1b, Iowa	78	18	3	1	82	17	2	1	65	28	5	1
State Economic Areas 1 and 3, Ill.	36	28	12	23	41	23	15	22	13	16	17	54
State Economic Area 3, Mo.	59	27	5	8	65	20	4	11	32	22	9	38
General Farming Area (VI):												
State Economic Area 7, Ill.	40	26	17	17	44	19	12	24	16	13	16	54
State Economic Area 7, Ohio	34	40	20	6	31	46	10	14	14	38	14	34
Tobacco and General Farming Area (VIII):												
State Economic Areas 3, 4a, and 4b, N. C.	23	33	27	17	30	36	26	8	12	32	37	19
Cotton area (VII):												
State Economic Area 5, Ala.	27	37	19	17	43	31	16	10	16	31	24	29
State Economic Area 5, Ga.	34	38	19	9	52	30	12	5	23	36	22	20
State Economic Area 2, Miss.	46	30	13	10	59	30	7	4	27	40	16	17
State Economic Area 6, S. C.	27	39	19	15	29	39	22	10	12	36	30	22
Tobacco and General Farming Area (VIII):												
State Economic Area 7, Va.	13	32	26	28	23	32	28	17	7	25	33	35
OTHER CROPS												
Fruit, Truck Crops and Mixed Farming Area (I):												
State Economic Areas 1 and 2, N. J.	13	36	20	31	20	40	21	19	7	25	21	47
Dairy area (IV):												
State Economic Areas 1 and 2, N. Y.	25	57	13	6	28	60	10	3	15	60	16	9
State Economic Areas 7 and 8, Wisc.	36	34	14	15	55	30	9	6	31	33	16	20
Feed Grain and Livestock Area (V):												
State Economic Areas 1a and 1b, Iowa	84	14	1	1	86	14	1	(Z)	72	24	2	1
State Economic Areas 1 and 3, Ill.	46	28	10	16	50	27	8	15	21	24	12	43
State Economic Area 3, Mo.	81	16	2	1	86	12	1	1	71	22	4	3
General Farming Area (VI):												
State Economic Area 7, Ill.	48	26	7	18	51	27	7	15	21	22	10	47
State Economic Area 7, Ohio	12	17	8	63	32	34	9	24	10	19	9	62
Cotton area (VII):												
State Economic Area 2, Miss.	46	30	13	12	56	30	6	8	32	34	11	23
Tobacco and General Farming Area (VIII):												
State Economic Area 7, Va.	17	39	26	18	19	45	23	13	8	34	29	29
OATS												
Dairy area (IV):												
State Economic Areas 7 and 8, Wisc.	72	25	3	1	77	21	2	(Z)	61	32	5	2
TOBACCO												
Tobacco and General Farming Area (VIII):												
State Economic Areas 3, 4a, and 4b, N. C.	1	2	7	91	1	2	7	90	(Z)	1	3	96
State Economic Area 7, Va.	1	2	6	92	2	2	5	90	(Z)	(Z)	3	97
FRUITS, VEGETABLES, AND POTATOES												
Fruit, Truck Crops and Mixed Farming Area (I):												
State Economic Area 1 and 2, N. J.	30	38	26	7	19	44	27	10	7	38	36	19
Dairy Area (IV):												
State Economic Areas 1 and 2, N. Y.	59	26	12	3	65	24	7	4	32	34	18	16
State Economic Areas 7 and 8, Wisc.	92	6	2	(Z)	96	4	(Z)	(Z)	84	14	2	(Z)
Feed Grain and Livestock Area (V):												
State Economic Areas 1a, and 1b, Iowa	82	9	...	9	99	1	...	1	85	3	...	11
State Economic Areas 1 and 3, Ill.	80	18	2	...	95	5	(Z)	...	85	15	(Z)	...
State Economic Area 3, Mo.	89	6	4	...	99	(Z)	(Z)	...	95	2	3	...
General Farming Area (VI):												
State Economic Area 7, Ill.	82	15	2	2	94	6	(Z)	(Z)	79	19	1	1
State Economic Area 7, Ohio	72	20	3	4	82	16	1	1	58	33	3	5
Tobacco and General Farming Area (VIII):												
State Economic Areas 3, 4a, and 4b, N. C.	70	27	3	(Z)	72	25	3	1	47	42	8	4
Cotton Area (VII):												
State Economic Area 5, Ala.	67	26	6	1	76	20	4	1	52	34	10	4
State Economic Area 5, Ga.	76	18	6	1	74	24	1	1	48	45	4	3
State Economic Area 2, Miss.	69	26	4	...	80	16	4	...	54	31	15	...
State Economic Area 6, S. C.	54	39	6	(Z)	56	39	4	(Z)	36	52	11	(Z)
Tobacco and General Farming Area (VIII):												
State Economic Area 7, Va.	59	35	6	1	68	26	6	1	40	40	18	2
OTHER CROPS												
Tobacco and General Farming Area (VIII):												
State Economic Areas 3, 4a, and 4b, N. C.	91	8	1	...	96	4	(Z)	(Z)	87	12	1	(Z)
Cotton Area (VII):												
State Economic Area 5, Ala.	81	16	4	...	95	5	1	...	87	11	2	...
State Economic Area 5, Ga.	90	8	2	1	96	4	1	(Z)	86	10	4	(Z)
State Economic Area 6, S. C.	49	28	21	2	86	11	3	(Z)	62	25	11	2

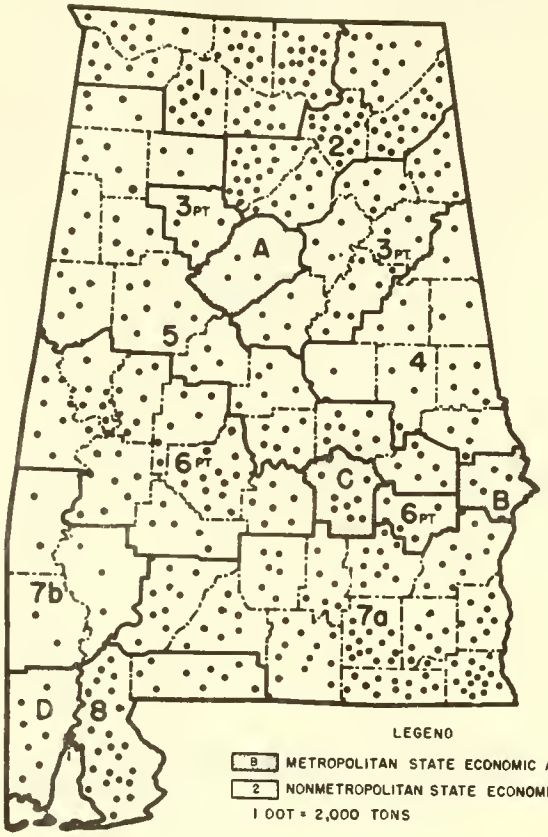
Z 0.05 percent or less.

TABLES FOR COUNTIES, STATES AND ECONOMIC AREAS

(1)

ALABAMA

TONS OF FERTILIZER

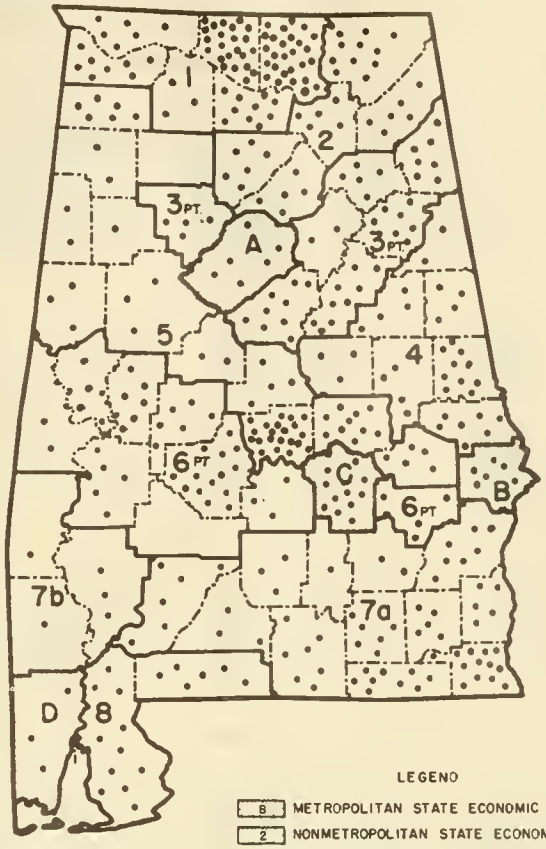


Map No. A54-388

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	United States, total	18,972,937	309	2,003,080	303	648,674	304	16,222,439	308
2	Alabama, total	961,765	402	115,431	401	64,954	370	778,049	405
	Area 1:								
3	Colbert	13,090	394	1,085	370	710	359	11,116	388
4	Lauderdale	15,130	292	1,587	328	798	253	12,713	292
5	Lawrence	22,719	396	1,489	305	664	378	20,383	408
6	Limestone	24,329	359	2,987	396	922	341	20,328	353
7	Madison	35,220	387	4,299	334	1,022	294	29,720	399
8	Morgan	17,559	360	1,239	300	482	266	15,793	373
	Area 2:								
9	Blount	18,969	452	1,564	457	772	330	16,432	460
10	Cullman	31,890	472	1,444	391	810	429	29,560	484
11	De Kalb	36,259	453	1,623	497	766	400	33,686	450
12	Jackson	23,786	391	1,677	342	414	389	21,540	394
13	Marshall	27,448	462	929	427	976	313	25,352	470
	Area 3:								
14	Calhoun	6,010	389	1,185	384	406	412	4,342	389
15	Cherokee	15,672	434	1,076	386	653	505	13,872	438
16	Etowah	12,192	418	1,146	379	348	325	10,680	431
17	St. Clair	6,103	398	1,102	444	272	304	4,715	393
18	Shelby	8,152	437	2,008	429	634	274	5,444	475
19	Talladega	11,620	354	2,105	384	915	391	8,661	348
20	Walker	6,916	342	623	303	324	367	5,994	352
	Metropolitan Area A:								
21	Jefferson	5,589	447	1,336	423	1,086	440	3,118	454
	Area 4:								
22	Chambers	10,388	430	2,585	413	1,439	413	6,295	439
23	Clay	5,118	360	648	311	264	315	4,227	378
24	Cleburne	3,438	355	269	399	105	303	3,081	360
25	Coosa	2,464	363	369	323	346	452	1,716	358
26	Lee	8,778	439	2,223	479	877	475	5,616	418
27	Randolph	9,236	399	1,032	295	496	412	7,650	412
28	Tallapoosa	5,883	360	1,015	327	556	334	4,291	371
	Metropolitan Area B:								
29	Russell	8,839	355	1,289	454	1,227	338	6,278	345

[1]For 39 States only. Data not separately available for Arizona, California, Idaho, Montana, Nevada, Oregon, Utah, Washington, and Wyoming. [2]For 13 States only. Data not separately available for 7 other States in which cotton was grown in 1954, viz, Illinois, Kansas, Kentucky, Nevada, North Carolina, Tennesaee, and Virginia.



ALABAMA

TONS OF LIME

Map No. A54-389

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn[1]	Corn[1]	Cotton[2]	Cotton[2]								
6,020,305	258	1,828,520	373	2,677,344	849	5,696,270	267	10,503,957	2.2	3,290	1
338,663	315	301,897	533	48,183	866	89,306	404	229,026	2.8	1,784	2
3,146	288	6,934	494	140	573	896	258	3,043	2.5	2,523	3
4,194	223	6,316	378	236	774	1,967	254	4,214	2.3	1,503	4
6,561	268	13,230	546	58	703	534	442	1,777	0.9	1,638	5
6,094	260	13,158	424	126	869	950	327	7,739	3.6	2,970	6
10,313	303	18,195	486	120	686	1,092	393	10,780	3.9	2,526	7
6,834	301	7,980	472	389	740	590	269	4,896	3.0	2,066	8
8,321	387	5,484	590	2,089	544	538	488	2,049	1.5	2,226	9
12,883	364	12,127	630	4,056	757	494	438	3,435	1.9	1,697	10
19,673	369	12,097	657	929	850	987	491	3,156	1.6	1,899	11
13,189	331	6,974	558	789	904	588	403	5,910	3.3	1,938	12
13,292	369	11,230	679	560	825	270	377	2,182	1.4	2,409	13
2,460	326	1,650	581	82	490	150	251	3,375	4.5	1,932	14
6,499	352	6,803	573	171	578	399	390	2,354	2.1	2,802	15
5,807	340	4,292	673	428	611	153	241	2,187	2.2	2,210	16
2,634	317	1,446	508	578	844	57	406	1,728	2.5	1,088	17
2,008	366	2,612	626	76	551	748	449	6,732	8.3	1,363	18
3,361	266	3,734	465	169	452	1,397	362	6,041	4.4	1,485	19
3,819	299	1,644	485	385	654	146	540	2,027	2.7	2,119	20
1,528	348	514	479	820	861	256	564	2,996	5.0	2,117	21
2,708	335	3,154	626	139	532	294	309	5,884	5.4	1,616	22
2,453	303	1,460	614	196	662	118	290	1,893	2.9	2,220	23
1,984	313	898	534	97	612	102	263	759	1.8	2,862	24
1,071	315	405	510	168	452	72	319	1,299	3.2	2,214	25
2,153	291	2,958	600	305	449	200	493	4,571	4.2	1,534	26
4,232	327	3,021	617	277	595	120	505	1,835	2.1	1,924	27
2,053	291	1,868	539	119	656	251	285	2,343	2.8	1,498	28
2,694	245	3,171	542	125	364	288	288	3,098	2.4	1,896	29

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

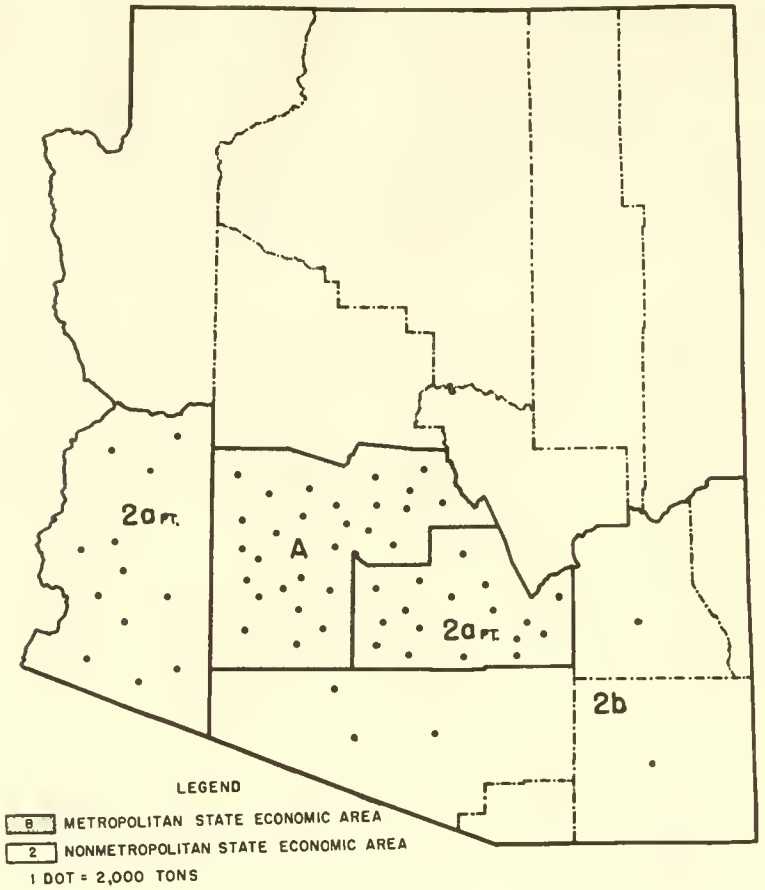
	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Alabama—Continued								
	Area 5:								
1	Autauga	12,620	438	3,581	628	1,084	385	8,013	398
2	Bibb	3,858	382	454	434	712	358	2,649	377
3	Chilton	10,812	400	1,894	354	252	173	8,852	442
4	Elmore	15,564	448	2,603	445	574	437	12,345	444
5	Fayette	7,298	327	618	456	513	283	6,236	332
6	Franklin	7,850	339	604	310	300	340	6,844	342
7	Lamar	7,562	313	397	299	214	288	6,880	317
8	Macon	12,200	408	1,834	396	1,505	447	8,815	401
9	Marion	9,144	356	810	364	666	390	7,668	351
10	Pickens	10,047	332	1,525	362	825	270	7,685	335
11	Tuscaloosa	15,326	399	2,660	432	1,744	387	10,838	388
12	Winston	5,716	413	614	542	208	297	4,869	403
	Area 6:								
13	Bullock	8,320	375	2,080	506	986	395	5,237	336
14	Dallas	23,938	396	4,765	375	2,276	315	16,867	420
15	Greene	8,040	360	1,409	433	631	216	5,993	373
16	Hale	12,508	413	2,912	446	1,651	336	7,814	416
17	Lowndes	11,704	456	3,628	468	1,446	440	6,572	452
18	Marengo	14,612	382	4,554	400	1,537	266	8,478	403
19	Perry	11,542	381	2,768	368	1,461	314	7,171	402
20	Sumter	11,061	371	2,039	323	736	413	8,232	378
21	Wilcox	10,855	409	1,729	514	1,830	430	7,300	389
	Metropolitan Area C:								
22	Montgomery	16,170	375	5,851	308	2,962	376	7,498	464
	Area 7a:								
23	Barbour	18,673	386	1,312	443	1,671	391	15,458	381
24	Butler	12,666	420	1,398	464	1,339	386	9,929	416
25	Coffee	25,594	366	874	378	1,110	310	23,712	376
26	Conecuh	13,586	371	1,034	416	1,539	407	10,847	352
27	Covington	21,768	391	1,503	431	1,350	381	18,878	393
28	Crenshaw	12,712	371	458	370	650	391	11,562	362
29	Dale	14,514	382	632	413	1,173	408	12,702	381
30	Geneva	24,914	370	1,824	404	932	375	22,126	370
31	Henry	16,692	354	364	476	1,047	457	15,222	346
32	Houston	30,495	386	2,191	452	2,002	440	26,537	381
33	Monroe	18,102	413	1,507	431	1,266	322	15,173	415
34	Pike	18,360	345	1,273	305	960	396	15,834	340
	Area 7b:								
35	Choctaw	4,778	296	237	263	194	209	4,331	303
36	Clarke	6,868	338	1,157	393	967	453	4,731	309
37	Washington	4,997	392	892	339	616	413	3,513	415
	Area 8:								
38	Baldwin	46,062	729	6,227	622	2,744	503	37,028	773
39	Escambia	18,335	550	1,496	372	1,199	518	15,559	577
	Metropolitan Area D:								
40	Mobile	13,105	523	1,789	428	1,798	524	9,448	541

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Cotton*	*Cotton*								
3,343	314	2,642	544	596	562	1,432	401	9,104	7.9	2,324	1
1,524	323	1,010	515	32	328	83	335	869	2.3	1,991	2
3,779	341	2,754	558	2,015	626	304	383	3,135	3.1	1,412	3
5,191	357	5,221	583	955	538	978	381	7,512	5.4	1,382	4
3,790	280	2,149	470	130	493	167	395	734	1.1	967	5
2,598	219	3,882	529	64	512	300	421	2,964	2.8	1,952	6
3,568	245	3,061	465	160	498	91	379	665	0.8	3,038	7
2,630	244	5,651	584	59	648	475	342	3,030	2.4	1,626	8
3,795	263	3,511	521	69	438	293	546	1,195	1.3	1,356	9
2,973	232	4,177	489	100	416	435	323	1,068	1.0	2,485	10
4,549	289	4,819	502	737	647	733	500	3,030	2.5	877	11
2,539	316	2,148	565	134	975	48	369	721	1.3	2,358	12
1,920	240	2,320	479	104	738	893	343	1,835	2.0	2,012	13
5,362	297	9,111	544	128	686	2,266	433	7,779	2.9	1,749	14
1,912	269	3,349	454	136	375	596	485	2,005	2.1	1,430	15
2,262	320	4,586	497	40	333	926	390	2,555	1.7	2,166	16
2,049	336	3,426	585	54	964	1,043	414	2,053	1.4	1,660	17
2,946	292	4,678	516	124	547	730	436	2,532	1.6	2,025	18
1,836	269	3,434	516	107	389	1,794	442	2,775	2.1	2,205	19
2,843	281	4,285	487	89	539	1,015	379	1,976	1.1	1,240	20
2,730	284	3,268	491	71	341	1,231	537	3,597	3.0	1,445	21
2,574	363	3,520	570	375	665	1,029	443	5,728	2.5	1,854	22
5,990	287	4,230	533	395	548	4,843	439	5,451	3.3	1,312	23
5,413	348	3,007	562	277	750	1,232	481	2,062	2.3	1,541	24
9,943	293	6,553	538	164	624	7,052	419	4,101	2.5	1,402	25
6,193	285	3,615	532	204	584	835	434	2,008	1.8	1,739	26
10,488	322	4,983	596	340	793	3,067	465	5,615	3.4	1,257	27
6,539	316	2,932	496	106	554	1,925	381	1,517	1.4	486	28
5,070	297	2,538	533	252	406	4,842	446	3,998	3.7	1,276	29
11,996	307	5,608	541	537	614	3,985	415	6,476	4.0	1,390	30
4,832	254	4,299	493	249	585	5,842	367	3,562	2.7	1,357	31
9,686	287	7,433	510	2,182	546	7,236	416	8,320	4.4	1,588	32
8,050	338	6,224	575	172	636	727	451	4,483	3.6	1,385	33
6,631	280	4,203	471	200	537	4,800	355	2,381	1.5	948	34
2,494	239	1,672	477	65	622	100	383	639	1.0	1,624	35
2,749	250	1,539	455	148	416	295	511	1,518	2.0	1,744	36
2,362	373	730	551	154	688	267	448	482	1.1	1,739	37
9,531	599	826	575	18,592	1,828	8,079	397	6,766	4.4	1,630	38
7,453	452	4,322	752	1,478	1,675	2,306	599	2,475	2.9	2,277	39
4,566	476	766	615	2,762	672	1,354	541	2,007	2.1	1,686	40

ARIZONA

TONS OF FERTILIZER

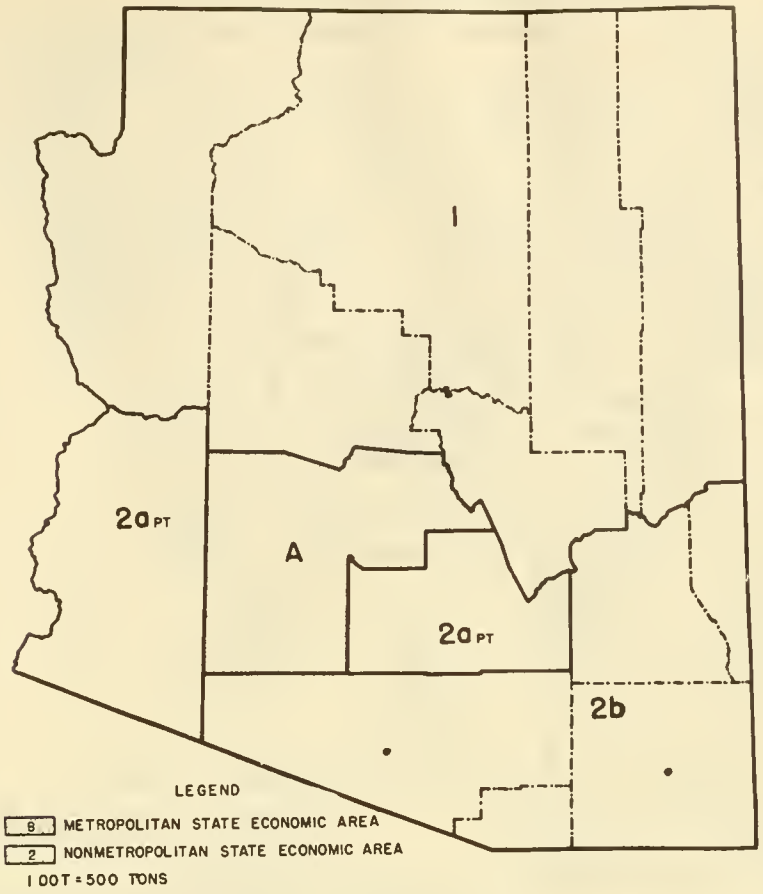


Map No. A54-392

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Arizona, total	124,008	310	9,984	242	52	137	113,390	317
	Area 1:								
2	Apache	12	226	12	226	...	...	...	...
3	Coconino	12	296	8	242	...	...	4	533
4	Gila	58	301	57	308	1	133	...	...
5	Mohave	181	166	76	148	...	...	107	185
6	Navajo	77	159	59	159	...	...	17	177
7	Yavapai	511	212	165	195	...	...	312	229
8	Metropolitan Area A:								
	Maricopa	55,855	315	4,221	221	12	66	51,327	324
	Area 2a:								
9	Pinal	33,516	275	838	228	1	167	32,469	275
10	Yuma	24,263	428	3,820	288	2	235	20,400	470
	Area 2b:								
11	Cochise	1,714	160	50	110	24	213	1,639	162
12	Graham	1,021	345	186	702	...	...	834	309
13	Greenlee	120	255	78	285	...	...	42	210
14	Pima	6,265	270	323	167	12	189	5,927	278
15	Santa Cruz	403	217	91	354	...	...	312	195

Z 0.05 percent or less.

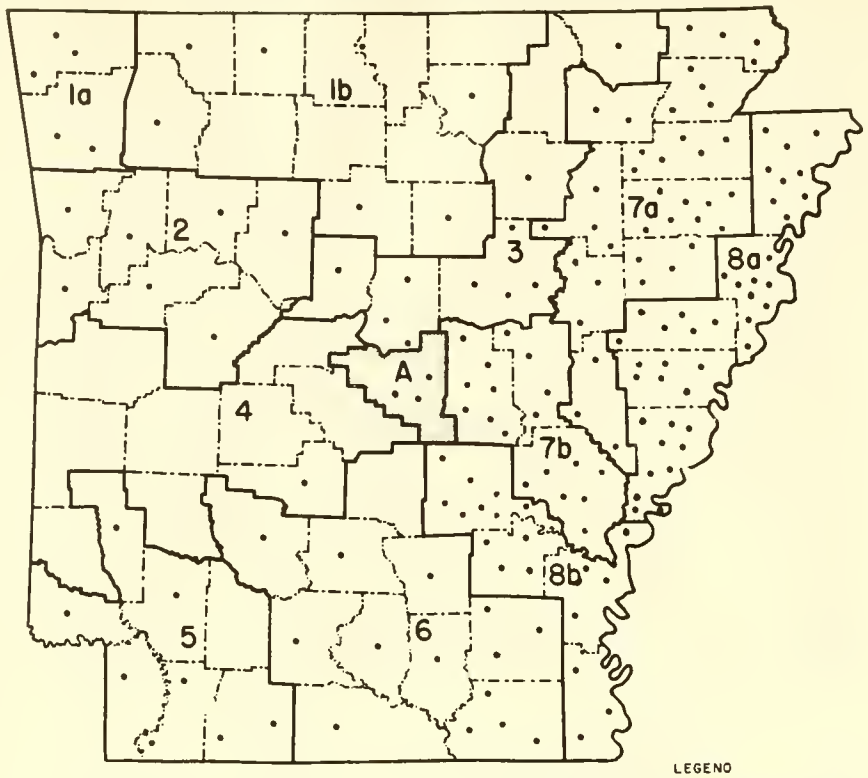


LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Cotton 61,703	*Cotton* 322	*Rice* ...	*Rice* ...	19,662	630	32,025	237	1,394	0.1	1,786	1
...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	4	533	...	...	...	...	...	3
...	...	...	...	...	...	...	...	...	...	...	4
65	283	...	...	21	263	21	79	...	...	...	5
...	...	...	...	6	158	11	190	...	...	...	6
...	...	...	...	22	629	290	219	...	...	...	7
22,985	315	...	...	12,155	573	16,187	253	200	(Z)	1,000	8
23,897	307	...	...	437	1,020	8,135	203	144	(Z)	2,917	9
8,358	452	...	...	6,887	783	5,155	319	80	(Z)	500	10
1,050	180	...	...	72	261	517	130	250	0.3	2,000	11
576	333	...	...	10	444	248	262	...	...	...	12
28	255	...	...	2	800	12	137	...	...	...	13
4,515	331	...	...	44	163	1,368	186	720	0.9	1,847	14
229	262	...	...	2	222	81	113	...	...	...	15

ARKANSAS

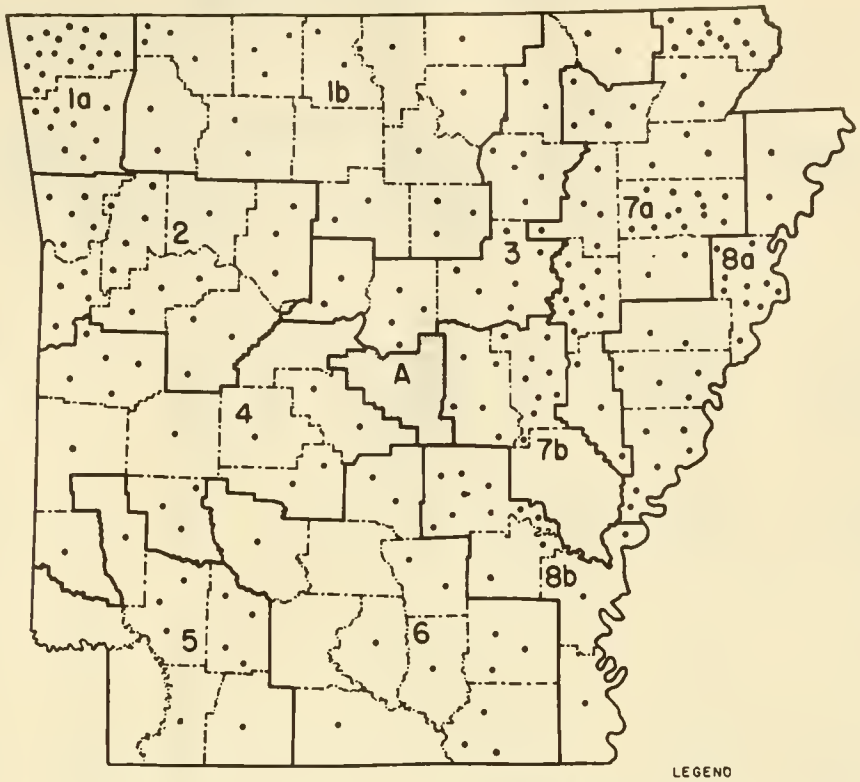
TONS OF FERTILIZER



Map No. A54-390

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Arkansas, total	347,694	236	29,205	231	7,066	187	310,197	237
	Area 1a:								
2	Benton	6,237	228	2,336	231	232	236	3,696	224
3	Washington	4,260	243	1,644	231	204	202	2,358	260
	Area 1b:								
4	Baxter	480	276	301	322	9	450	170	219
5	Boone	1,597	246	804	243	190	196	601	265
6	Carroll	1,637	255	856	258	102	183	677	267
7	Cleburne	1,756	230	224	310	44	159	1,458	221
8	Fulton	874	268	364	311	79	251	432	243
9	Izard	1,518	236	482	252	52	392	974	220
10	Madison	2,019	301	621	311	122	449	1,266	293
11	Marion	763	300	450	316	24	369	288	281
12	Newton	451	268	186	250	32	354	233	272
13	Searcy	868	334	263	300	20	315	577	344
14	Stone	421	266	107	227	1	100	305	277
15	Van Buren	1,689	262	477	278	85	228	1,133	262
	Area 2:								
16	Crawford	2,958	318	630	293	223	343	2,060	315
17	Franklin	2,126	226	616	230	178	136	1,305	246
18	Johnson	1,590	244	142	218	144	170	1,284	257
19	Logan	2,381	266	712	289	105	225	1,549	255
20	Pope	1,951	245	268	267	48	204	1,630	241
21	Sebastian	1,959	275	561	303	138	123	1,253	304
22	Yell	2,486	255	424	211	386	346	1,672	253
	Area 3:								
23	Conway	2,709	251	434	269	48	300	2,214	248
24	Faulkner	5,480	287	884	332	115	260	4,479	281
25	Independence	1,792	232	374	253	44	184	1,364	223
26	Randolph	2,699	229	156	248	42	255	2,529	228
27	Sharp	908	241	159	225	8	291	738	241
28	White	8,910	273	934	226	276	327	7,820	283
	Metropolitan Area A:								
29	Pulaski	5,140	254	436	201	108	175	4,589	263



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 41,704	*Corn* 230	*Cotton* 198,235	*Cotton* 256	11,054	376	59,204	184	77,937	0.8	2,978	1
671	224	...	...	377	418	2,648	210	4,545	2.4	3,615	2
357	245	...	...	611	338	1,390	239	2,630	1.4	3,175	3
62	194	5	200	16	400	87	222	450	1.0	3,089	4
128	236	...	...	15	423	458	271	1,044	1.4	3,121	5
254	300	...	...	52	320	371	242	1,306	1.2	3,012	6
637	182	584	241	106	487	131	286	559	0.8	4,680	7
236	219	94	267	20	533	82	264	155	0.2	3,419	8
388	175	432	250	28	509	126	290	245	0.2	4,286	9
340	292	...	...	202	553	724	259	879	1.0	2,528	10
76	267	1	400	4	229	207	288	480	1.1	3,142	11
111	248	2	364	44	419	76	256	448	1.1	4,701	12
201	282	32	291	259	471	85	276	72	0.1	5,278	13
165	257	15	250	83	497	42	180	135	0.3	4,000	14
473	207	215	288	161	563	284	279	451	0.5	3,920	15
136	302	8	291	1,303	373	613	240	1,255	1.5	4,231	16
163	249	22	183	238	417	882	222	1,531	2.1	3,241	17
295	249	31	106	678	315	280	204	215	0.3	4,233	18
322	286	85	199	124	506	1,018	238	665	0.6	4,436	19
444	217	494	288	367	265	325	201	1,270	1.1	2,449	20
288	411	40	267	212	498	713	250	1,447	2.3	2,741	21
558	235	776	274	30	414	308	234	1,278	1.3	2,286	22
558	208	1,075	290	191	365	390	194	647	0.5	3,573	23
939	252	2,550	288	110	512	880	281	947	0.6	4,256	24
411	213	711	237	58	387	184	175	1,290	1.0	3,529	25
866	254	1,467	231	2	200	194	147	710	0.6	2,394	26
247	180	385	275	96	400	10	182	550	0.7	3,931	27
2,035	223	4,283	296	618	532	884	305	1,601	0.7	3,845	28
814	487	2,792	252	144	360	839	196	125	0.1	1,440	29

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Arkansas—Continued								
	Area 4:								
1	Garland	297	174	129	191	86	118	83	272
2	Hot Spring	1,184	296	374	261	214	304	598	322
3	Montgomery	390	209	188	234	26	212	170	184
4	Perry	984	194	67	195	53	167	864	200
5	Pike	989	224	272	197	91	154	621	258
6	Polk	734	287	332	296	89	178	310	331
7	Saline	697	247	394	262	16	221	290	235
8	Scott	840	294	276	325	10	267	554	279
9	Sevier	726	259	312	258	32	221	374	255
	Area 5:								
10	Columbia	4,654	253	390	215	162	154	4,081	263
11	Hempstead	3,295	219	366	197	257	104	2,673	249
12	Howard	1,480	224	262	187	90	209	1,130	236
13	Lafayette	3,084	244	174	142	126	191	2,783	259
14	Little River	1,240	209	136	236	106	180	996	208
15	Miller	2,190	223	377	259	214	180	1,605	223
16	Nevada	2,730	260	351	243	44	169	2,312	263
	Area 6:								
17	Ashley	7,198	272	223	182	147	177	6,772	279
18	Bradley	2,195	325	226	286	10	174	1,967	337
19	Calhoun	1,538	260	66	189	56	174	1,394	267
20	Clark	1,676	239	317	295	65	215	1,271	227
21	Cleveland	2,098	277	175	160	70	162	1,831	303
22	Dallas	1,096	257	142	252	52	204	907	258
23	Drew	5,522	260	691	191	84	130	4,777	281
24	Grant	682	255	157	213	63	332	449	255
25	Ouachita	1,262	265	499	260	90	735	688	246
26	Union	1,862	273	427	273	132	175	1,287	283
	Area 7a:								
27	Clay	8,580	248	246	183	56	270	8,229	249
28	Craighead	12,689	232	145	413	131	174	12,264	231
29	Cross	8,462	202	170	102	72	177	8,193	206
30	Greene	7,661	259	158	458	165	248	7,269	257
31	Jackson	8,710	239	314	190	77	179	8,486	245
32	Lawrence	4,464	244	216	248	62	149	4,162	250
33	Monroe	6,368	226	23	69	21	168	6,228	224
34	Poinsett	15,464	217	220	230	19	304	15,177	216
35	Woodruff	6,119	215	131	150	20	200	6,045	220
	Area 7b:								
36	Arkansas	13,596	195	548	210	94	291	12,903	193
37	Lonoke	13,725	231	260	231	116	219	13,226	234
38	Prairie	7,412	194	505	181	92	106	6,737	195
	Area 8a:								
39	Crittenden	17,813	224	334	155	64	147	17,332	225
40	Lee	11,122	238	342	221	90	179	10,688	235
41	Mississippi	18,137	182	165	284	26	108	17,855	181
42	Phillips	17,584	283	413	225	44	69	17,095	290
43	St. Francis	12,555	237	408	424	191	201	11,962	237
	Area 8b:								
44	Chicot	6,460	207	373	114	80	76	5,967	222
45	Desha	8,706	241	180	229	76	64	8,334	245
46	Jefferson	15,653	274	659	142	84	133	14,851	286
47	Lincoln	8,112	241	227	147	42	200	7,753	246

Z 0.05 percent or less.

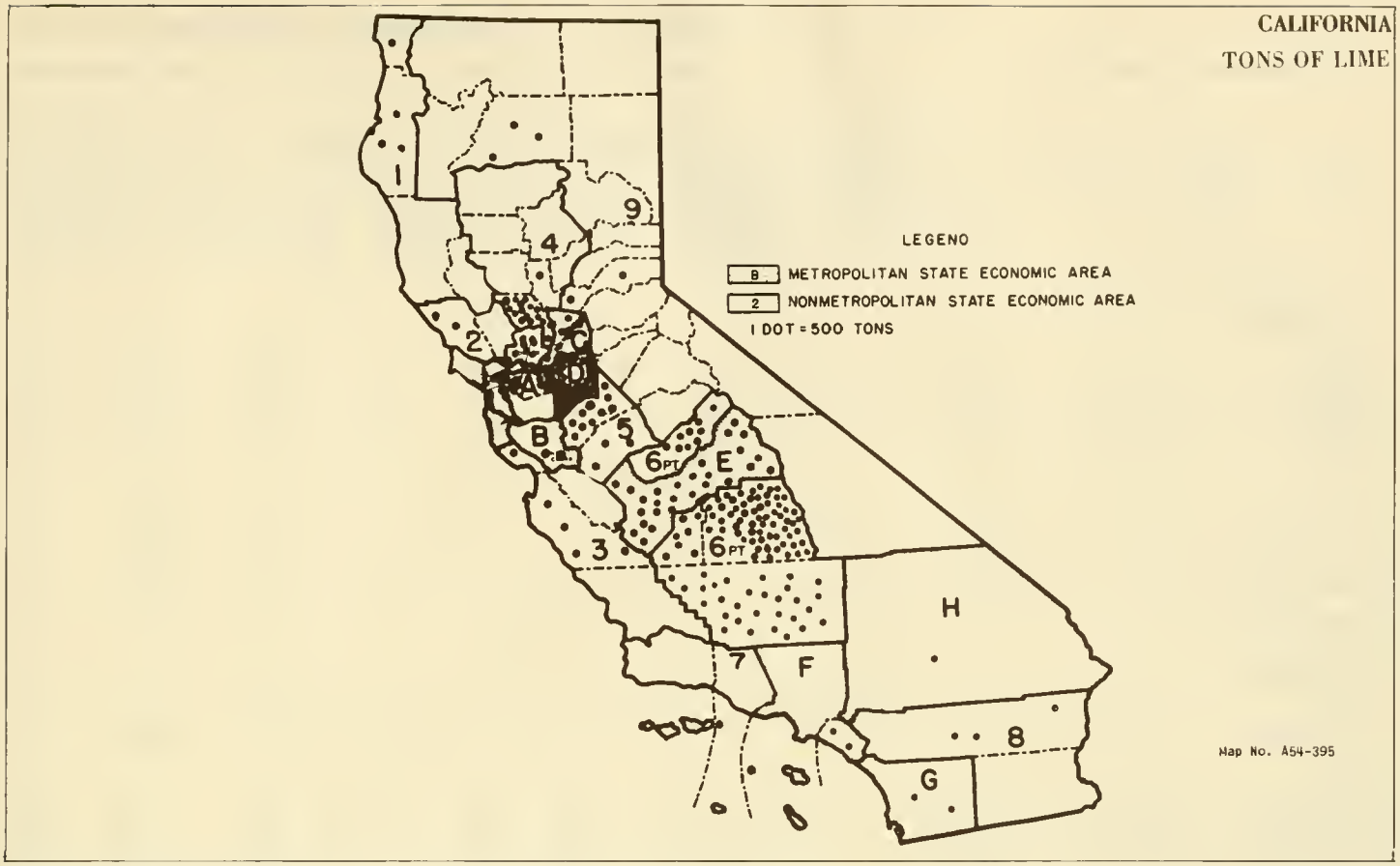
LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potstoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Cotton*	*Cotton*								
16	160	5	667	38	411	24	229	512	1.9	883	1
262	269	104	350	192	439	40	271	600	1.3	3,483	2
75	161	10	167	18	327	67	196	435	1.1	2,975	3
353	235	304	266	29	259	178	114	40	0.1	3,750	4
287	252	101	311	152	254	81	235	825	2.2	3,404	5
103	247	8	229	75	588	124	355	759	1.1	1,863	6
131	242	8	533	78	318	73	168	1,620	3.4	1,132	7
246	242	34	243	37	400	237	321	1,569	2.5	2,897	8
146	198	64	261	33	337	131	338	445	0.7	2,135	9
1,293	213	2,391	299	126	391	271	238	245	0.3	3,510	10
794	259	1,288	224	428	350	163	233	3,065	1.4	848	11
328	228	163	150	531	323	108	173	340	0.6	2,147	12
371	217	2,048	287	44	320	320	180	685	1.0	1,174	13
205	239	561	206	62	451	168	156	455	0.6	1,086	14
308	261	1,076	225	93	295	128	137	125	0.1	1,280	15
838	250	958	276	286	296	230	228	1,078	1.6	3,532	16
803	249	5,172	339	76	461	721	128	1,723	1.5	1,713	17
484	230	765	304	508	773	210	375	290	0.7	2,172	18
436	204	740	335	78	411	140	202	285	1.0	4,035	19
458	206	467	276	126	380	220	164	350	0.4	3,663	20
214	236	1,271	307	179	490	167	266	635	1.3	2,803	21
323	208	462	314	58	327	64	202	105	0.4	3,619	22
918	284	2,937	308	173	589	749	190	745	0.8	3,946	23
140	204	106	192	130	444	73	321	345	1.1	5,130	24
173	149	385	317	96	359	34	223	90	0.2	3,444	25
538	263	491	309	190	292	68	259	1,015	2.3	1,419	26
1,844	227	5,910	265	10	333	465	184	2,890	1.4	3,772	27
1,043	253	9,940	240	66	344	1,215	166	1,205	0.4	2,108	28
642	223	5,679	241	115	354	1,757	135	690	0.3	2,771	29
1,340	224	5,686	267	19	543	224	244	580	0.3	3,121	30
629	315	7,263	247	58	368	536	175	1,611	0.7	2,883	31
1,196	218	2,800	266	26	371	140	230	1,300	0.9	3,477	32
425	200	5,125	245	6	150	672	139	900	0.7	3,007	33
868	223	11,048	233	8	229	3,253	171	2,245	0.7	5,212	34
563	248	4,492	248	153	207	837	133	4,565	2.6	1,941	35
238	199	1,427	279	8	500	11,230	186	50	(Z)	4,000	36
836	239	8,110	289	156	335	4,124	168	2,154	0.7	2,097	37
482	215	1,250	243	12	369	4,993	185	1,576	0.9	5,985	38
1,330	183	14,323	243	30	107	1,649	154	3,280	1.2	3,077	39
935	185	8,943	257	4	160	806	147	1,072	0.6	3,776	40
904	159	15,659	182	54	568	1,238	177	685	0.1	2,204	41
1,782	258	14,260	300	15	526	1,038	234	1,778	0.8	3,340	42
1,084	211	9,478	250	78	228	1,322	185	500	0.2	3,880	43
508	233	4,402	244	13	433	1,044	158	285	0.2	2,596	44
787	237	6,511	272	4	111	1,032	155	925	0.6	1,751	45
1,006	310	11,886	313	106	369	1,853	177	3,030	1.4	3,019	46
844	200	6,025	288	128	400	756	124	1,305	0.9	1,813	47

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity uaed per acre (pounds)
1	California, total	814,857	421	59,634	283	11,934	270	742,304	441
	Area 1:								
2	Del Norte	164	781	36	436	18	360	111	1,432
3	Humboldt	2,014	418	1,422	363	347	449	245	1,234
4	Lake	1,413	277	184	182	73	265	1,141	299
5	Mendocino	1,409	358	375	272	198	268	824	452
	Area 2:								
6	Napa	1,031	214	170	172	208	345	653	203
7	Sonoma	4,980	384	754	291	1,219	332	3,002	444
	Metropolitan Area A:								
8	Alameda	5,899	891	19	400	48	132	5,817	936
9	Contra Costa	4,019	403	388	236	94	251	3,530	445
10	Marin	202	236	36	226	51	243	114	235
11	San Francisco	75	1,875	...	...	...	...	75	1,875
12	San Mateo	4,568	1,379	30	500	40	552	4,481	1,409
13	Solano	5,605	285	383	369	232	165	4,964	287
	Metropolitan Area B:								
14	Santa Clara	27,262	749	197	244	200	200	26,910	780
	Area 3:								
15	Monterey	66,132	1,064	696	317	172	313	65,129	1,094
16	San Benito	3,464	471	30	254	21	323	3,411	476
17	San Luis Obispo	8,099	587	469	165	104	174	7,501	729
18	Santa Cruz	9,852	1,050	114	289	191	621	9,525	1,098
	Area 4:								
19	Butte	14,931	234	1,330	326	150	221	13,429	227
20	Colusa	12,681	212	71	135	62	219	12,419	210
21	Glenn	9,595	256	759	304	160	261	8,687	252
22	Sutter	18,456	290	140	261	252	169	17,928	290
23	Tehama	2,474	274	265	201	462	192	1,735	328
24	Yolo	14,577	238	98	191	90	200	14,369	238
25	Yuba	3,869	261	335	135	349	345	3,185	281
	Metropolitan Area C:								
26	Sacramento	14,620	329	1,290	212	512	259	12,813	352
	Area 5:								
27	Merced	19,824	339	3,100	320	712	291	15,933	343
28	Stanislaus	22,487	380	4,885	299	1,164	236	16,141	428

Z 0.05 percent or less.



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Cotton 142,587	*Cotton* 383	*Rice* 39,214	*Rice* 212	401,432	698	159,071	288	70,380	0.5	3,825	1
...	...	...	...	1	400	110	1,467	230	2.0	2,261	2
...	...	...	...	109	747	136	2,590	1,126	1.1	2,263	3
...	...	...	...	1,045	317	96	186	25	(Z)	2,000	4
...	...	...	...	676	485	148	345	333	0.3	1,129	5
...	...	...	...	372	206	281	199	30	(Z)	2,333	6
...	...	...	...	2,578	437	424	493	885	0.4	1,939	7
...	...	...	...	4,580	901	1,237	1,099	50	(Z)	2,600	8
...	...	...	...	3,184	543	346	166	4,102	3.0	2,700	9
...	...	...	...	2	800	112	232	5	(Z)	2,000	10
...	...	...	...	...	...	75	1,875	...	...	...	11
...	...	...	...	3,833	1,400	648	1,464	48	0.1	1,250	12
...	...	15	200	2,186	305	2,763	274	500	0.2	15,672	13
...	...	168	243	25,161	813	1,581	553	2,270	1.1	1,053	14
458	1,405	...	...	57,011	1,251	7,660	562	1,561	0.4	2,837	15
14	200	...	...	2,375	600	1,022	326	25	(Z)	800	16
3	29	...	...	6,212	1,684	1,286	198	15	(Z)	667	17
...	...	...	...	8,908	1,156	617	638	910	1.9	1,626	18
...	...	6,191	191	3,897	373	3,341	204	293	0.1	805	19
...	...	8,285	223	1,113	303	3,021	165	80	(Z)	2,000	20
...	...	6,104	257	985	431	1,598	190	385	0.1	571	21
...	...	6,470	226	7,352	515	4,106	218	430	0.1	1,474	22
...	...	...	...	985	347	750	306	579	0.3	397	23
...	...	3,306	187	4,557	345	6,506	221	2,545	0.6	6,303	24
...	...	1,288	217	1,337	419	560	252	25	(Z)	2,400	25
...	...	620	205	3,381	446	8,812	342	1,838	0.6	4,751	26
3,357	338	926	159	8,054	414	3,596	321	1,281	0.3	2,389	27
124	276	256	238	13,683	491	2,078	249	5,187	1.1	1,916	28

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	California—Continued								
	Metropolitan Area D:								
1	San Joaquin	32,420	424	1,758	286	680	277	29,703	439
	Area 6:								
2	Kern	84,267	511	2,314	335	204	349	81,335	511
3	Kings	26,050	221	837	268	...	...	25,195	221
4	Madera	12,521	343	1,313	316	665	388	10,666	348
5	Tulare	47,096	393	3,008	358	232	214	43,843	396
	Metropolitan Area E:								
6	Fresno	81,626	325	2,211	239	364	225	78,989	329
	Area 7:								
7	Santa Barbara	15,937	742	305	339	4	381	15,588	754
8	Ventura	19,468	578	127	132	112	301	19,211	595
	Metropolitan Area F:								
9	Los Angeles	24,846	687	1,615	246	544	308	22,624	812
10	Orange	19,190	671	242	274	68	226	18,946	691
	Metropolitan Area G:								
11	San Diego	20,250	664	593	165	265	249	19,497	759
	Metropolitan Area H:								
12	San Bernardino	16,650	634	1,304	285	42	200	15,234	713
	Area 8:								
13	Imperial	85,400	434	19,414	317	118	330	66,582	490
14	Riverside	37,179	523	4,564	273	432	431	32,089	603
	Area 9								
15	Alpine	13	113	13	113	...	...	...	...
16	Amador	144	173	63	172	57	197	24	127
17	Calaveras	200	194	159	248	20	148	21	82
18	El Dorado	940	373	166	283	52	341	720	407
19	Inyo	75	743	11	163	...	...	64	1,910
20	Lassen	247	170	204	192	10	500	32	86
21	Mariposa	159	166	16	211	120	189	23	93
22	Modoc	1,776	231	217	131	7	100	1,554	258
23	Mono	...	...	...	...	...	...	...	...
24	Nevada	501	265	134	238	226	258	140	313
25	Placer	4,252	246	410	146	180	278	3,656	263
26	Plumas	54	197	42	183	10	377	2	114
27	Shasta	1,185	212	381	155	332	303	468	226
28	Sierra	12	267	12	267	...	...	...	...
29	Siskiyou	2,575	211	557	184	46	145	1,987	227
30	Trinity	19	211	13	213	...	...	6	214
31	Tuolumne	103	307	55	880	15	188	33	171

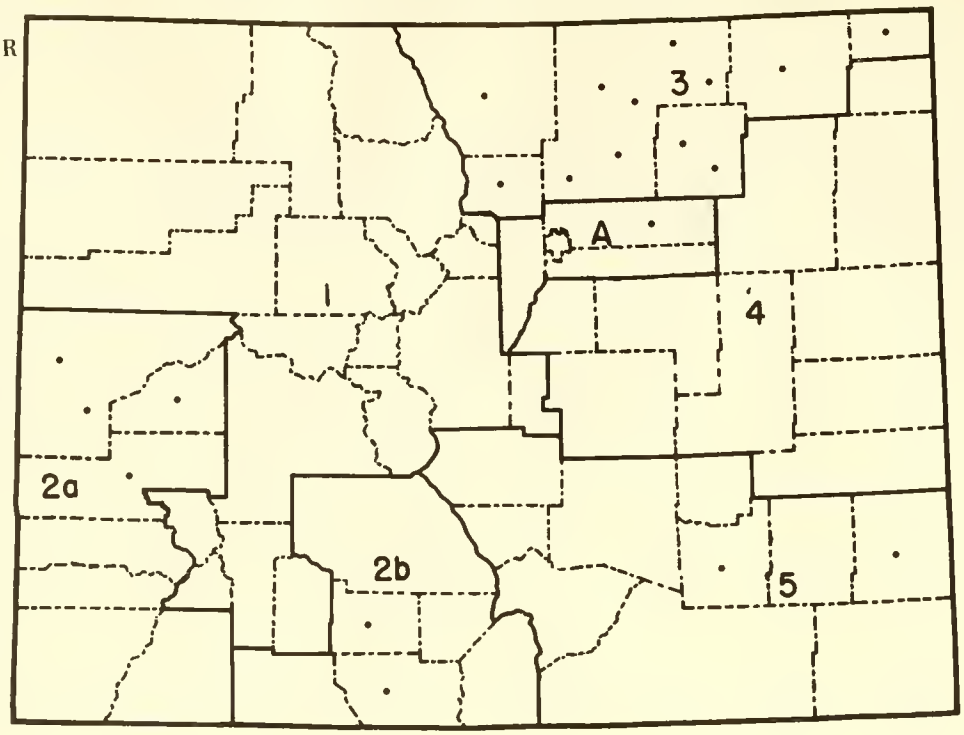
Z 0.05 percent or less.

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Cotton	*Cotton*	*Rice*	*Rice*								
...	...	1,151	198	23,375	574	5,177	246	10,247	1.6	4,681	1
43,633	479	717	246	23,238	810	13,747	378	7,164	0.8	4,242	2
12,622	252	7	389	307	382	12,259	194	1,555	0.3	4,414	3
7,487	331	264	346	1,128	587	1,787	337	2,595	0.6	3,445	4
20,267	339	248	151	19,731	516	3,597	323	11,296	1.4	5,594	5
32,903	351	2,561	182	23,610	577	19,915	218	7,406	0.6	3,500	6
...	...	...	...	12,727	895	2,861	445	195	0.1	1,456	7
60	500	...	...	17,548	638	1,603	344	80	(2)	4,500	8
858	1,507	...	...	18,130	877	3,636	548	...	...	...	9
...	...	...	...	16,979	711	1,967	557	954	0.6	2,319	10
3	150	...	...	17,110	1,036	2,384	261	1,127	0.3	2,050	11
...	...	...	...	14,158	743	1,076	463	555	0.3	2,559	12
16,992	506	67	561	19,501	717	30,022	400	...	...	...	13
3,806	375	130	218	24,953	781	3,200	305	1,170	0.3	2,217	14
...	...	...	...	...	...	...	...	...	...	...	15
...	...	...	...	10	196	14	102	...	...	...	16
...	...	...	...	6	37	15	158	...	...	...	17
...	...	...	...	720	407	...	...	36	0.1	8,444	18
...	...	...	...	61	2,596	3	300	...	...	...	19
...	...	...	...	...	...	32	86	...	...	...	20
...	...	...	...	23	93	...	...	...	...	...	21
...	...	...	...	861	503	693	160	...	...	...	22
...	...	...	...	...	...	...	...	...	...	...	23
...	...	...	...	140	313	...	...	50	0.2	600	24
...	...	440	161	2,510	427	706	134	757	0.6	2,077	25
...	...	...	...	...	...	2	114	60	0.2	1,000	26
...	...	...	...	27	540	441	218	375	0.3	7,333	27
...	...	...	...	...	...	...	...	...	...	...	28
...	...	...	...	986	495	1,001	148	...	...	...	29
...	...	...	...	6	214	...	...	...	...	...	30
...	...	...	...	10	133	23	196	...	...	...	31

COLORADO

TONS OF FERTILIZER



LEGEND

B METROPOLITAN STATE ECONOMIC AREA

2 NONMETROPOLITAN STATE ECONOMIC AREA

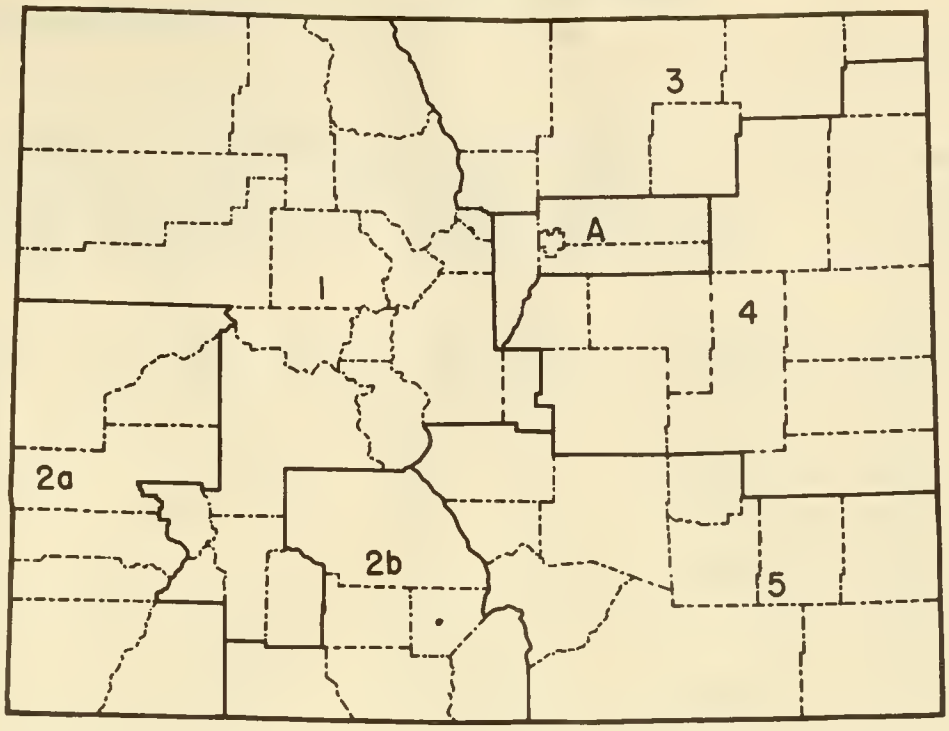
1 DOT = 2,000 TONS

Map No. A54-396

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Colorado, total	45,911	217	7,720	191	775	167	37,167	223
	Area 1:								
2	Chaffee	28	173	26	171	2	200	...	...
3	Clear Creek	1	200	1	200	...	...	...	...
4	Eagle	155	218	117	209	...	...	38	252
5	Garfield	266	179	207	164	4	320	55	254
6	Gilpin	...	...	...	...	...	...	...	...
7	Grand	32	207	31	206	...	...	1	250
8	Gunnison	59	146	49	176	...	...	10	80
9	Hinsdale	8	114	6	120	...	...	2	100
10	Jackson	56	114	56	114	...	...	...	...
11	Lake	2	160	2	160	...	...	...	...
12	Mineral	...	...	...	...	...	...	...	...
13	Moffat	9	138	5	182	...	...	4	107
14	Ouray	90	147	74	143	11	129	5	500
15	Park	10	25	10	25	...	...	...	...
16	Pitkin	144	260	134	258	...	...	10	298
17	Rio Blanco	21	127	16	128	...	...	5	125
18	Routt	68	104	60	111	5	50	3	200
19	San Juan	...	...	...	...	...	...	...	...
20	Summit	...	...	...	...	...	...	...	...
21	Teller	4	94	4	94	...	...	...	...
	Area 2a:								
22	Delta	1,331	243	567	194	54	379	712	297
23	Dolores	6	343	1	80	...	...	5	1,000
24	La Plata	288	164	173	166	53	178	61	144
25	Mesa	3,908	260	1,450	218	149	367	2,307	285
26	Montezuma	246	238	182	236	...	...	63	238
27	Montrose	1,840	253	846	253	28	137	966	260
28	San Miguel	81	218	26	267	10	80	45	301
	Area 2b:								
29	Alamosa	665	343	9	200	5	500	651	346
30	Archuleta	35	211	14	182	2	160	19	250
31	Conejos	1,200	284	132	167	12	150	1,055	314
32	Costilla	808	300	17	126	11	29	780	359
33	Rio Grande	1,786	263	137	225	...	...	1,649	265
34	Saguache	479	138	38	131	...	...	440	207

Z 0.05 percent or less.



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 7,925	*Corn* 175	*Sugar beets* 13,146	*Sugar beets* 265	8,515	340	7,581	163	1,000	(Z)	1,608	1
...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	3
1	167	...	...	25	222	12	369	...	...	...	4
19	197	20	421	7	255	9	200	...	...	...	5
...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	1	250	...	...	...	7
...	...	...	...	...	...	10	80	...	...	...	8
2	100	...	...	...	...	...	...	...	...	...	9
...	...	...	...	...	...	...	...	...	...	...	10
...	...	...	...	...	...	...	...	...	...	...	11
...	...	...	...	...	...	...	...	...	...	...	12
...	...	...	...	...	...	4	107	...	...	...	13
...	...	...	...	...	...	5	500	...	...	...	14
...	...	...	...	...	...	...	...	...	...	...	15
...	...	...	...	2	267	8	308	...	...	...	16
...	...	...	...	...	...	5	125	...	...	...	17
...	...	...	...	...	...	3	200	...	...	...	18
...	...	...	...	...	...	...	...	...	...	...	19
...	...	...	...	...	...	...	...	...	...	...	20
...	...	...	...	...	...	...	...	...	...	...	21
138	206	110	471	290	327	174	286	...	...	...	22
...	...	...	...	...	...	5	1,000	...	...	...	23
13	265	...	...	7	140	41	127	...	...	...	24
633	257	469	414	809	339	396	188	...	...	...	25
10	200	...	...	15	286	38	234	...	...	...	26
166	188	192	384	159	418	449	230	...	...	...	27
22	355	...	...	...	...	23	263	...	...	...	28
16	113	50	386	545	411	40	140	595	0.6	1,913	29
...	...	...	...	1	333	18	247	...	...	...	30
54	172	8	145	727	351	266	291	...	...	...	31
...	...	2	100	701	427	77	151	55	(Z)	545	32
42	198	56	299	1,386	287	165	169	...	...	...	33
10	121	90	300	237	241	103	135	...	...	...	34

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Colorado—Continued								
	Area 3:								
1	Boulder	1,070	207	159	201	20	107	875	213
2	Larimer	2,853	220	536	216	52	162	2,260	225
3	Logan	2,181	156	384	130	3	120	1,776	162
4	Morgan	4,419	221	273	198	36	152	4,095	221
5	Sedgwick	1,263	147	88	183	4	84	1,174	146
6	Weld	11,546	226	674	168	146	176	10,568	229
	Area 4:								
7	Cheyenne	62	40	6	240	2	89	45	30
8	Douglas	42	148	19	187	8	119	15	132
9	Elbert	48	68	20	106	...	...	28	54
10	El Paso	220	69	33	159	29	84	158	60
11	Kiowa	130	57	13	127	...	...	115	53
12	Kit Carson	183	145	23	63	1	33	159	183
13	Lincoln	37	51	2	25	...	...	34	53
14	Phillips	308	59	17	72	5	111	285	58
15	Washington	384	169	26	133	2	154	357	173
16	Yuma	258	112	9	110	...	...	244	110
	Metropolitan Area A:								
17	Adams	1,481	306	178	197	27	204	1,277	340
18	Arapahoe	575	412	96	170	18	150	460	648
19	Denver	352	2,235	...	...	...	...	352	2,235
20	Jefferson	178	218	39	123	...	...	139	278
	Area 5:								
21	Baca	31	146	...	...	...	...	32	151
22	Bent	130	197	38	162	4	160	88	221
23	Crowley	447	300	15	312	...	...	430	304
24	Custer	108	332	107	332	1	400	...	...
25	Fremont	228	361	80	432	20	267	128	345
26	Huerfano	95	195	65	227	5	200	25	143
27	Las Animas	117	225	60	242	30	240	27	184
28	Otero	1,524	271	195	211	4	178	1,312	279
29	Prowers	1,237	313	151	189	12	218	1,073	346
30	Pueblo	778	213	24	282	...	...	750	210

Z 0.05 percent or less.

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potstoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Sugar beets*	*Sugar beets*								
339	181	198	239	115	377	223	202	...	...	...	1
810	199	835	267	50	227	565	213	...	...	...	2
424	119	1,163	215	1	80	188	94	...	...	...	3
1,039	172	2,235	304	222	221	599	146	...	...	...	4
430	178	397	182	66	187	281	91	...	...	...	5
2,041	210	5,084	242	1,728	316	1,715	171	5	(Z)	4,000	6
12	41	...	...	...	...	33	27	...	...	...	7
5	179	...	...	...	...	10	116	...	...	...	8
10	102	...	...	...	...	18	43	...	...	...	9
131	70	...	...	...	...	27	36	50	(Z)	200	10
19	51	36	436	8	211	52	31	...	...	...	11
105	198	...	...	...	...	54	160	...	...	...	12
4	32	...	...	...	...	30	58	...	...	...	13
125	57	...	...	...	...	160	58	...	...	...	14
173	147	150	318	...	...	34	81	...	...	...	15
141	125	...	...	3	286	100	93	...	...	...	16
176	170	156	312	830	692	115	113	240	(Z)	1,125	17
72	264	...	...	9	1,200	379	882	...	...	...	18
...	...	...	...	32	346	320	4,923	40	1.0	3,250	19
16	139	10	444	56	241	57	438	15	(Z)	667	20
1	154	1	167	...	...	30	150	...	...	...	21
8	174	28	295	3	750	49	193	...	...	...	22
52	209	290	308	60	533	28	253	...	...	...	23
...	...	...	...	...	...	...	...	...	...	...	24
66	289	...	...	45	545	17	281	...	...	...	25
10	114	...	...	...	...	15	171	...	...	...	26
6	171	15	195	...	...	6	171	...	...	...	27
308	213	552	329	221	337	231	248	...	...	...	28
186	279	534	377	50	1,250	303	308	...	...	...	29
90	174	465	254	105	243	90	114	...	...	...	30

CONNECTICUT

TONS OF FERTILIZER

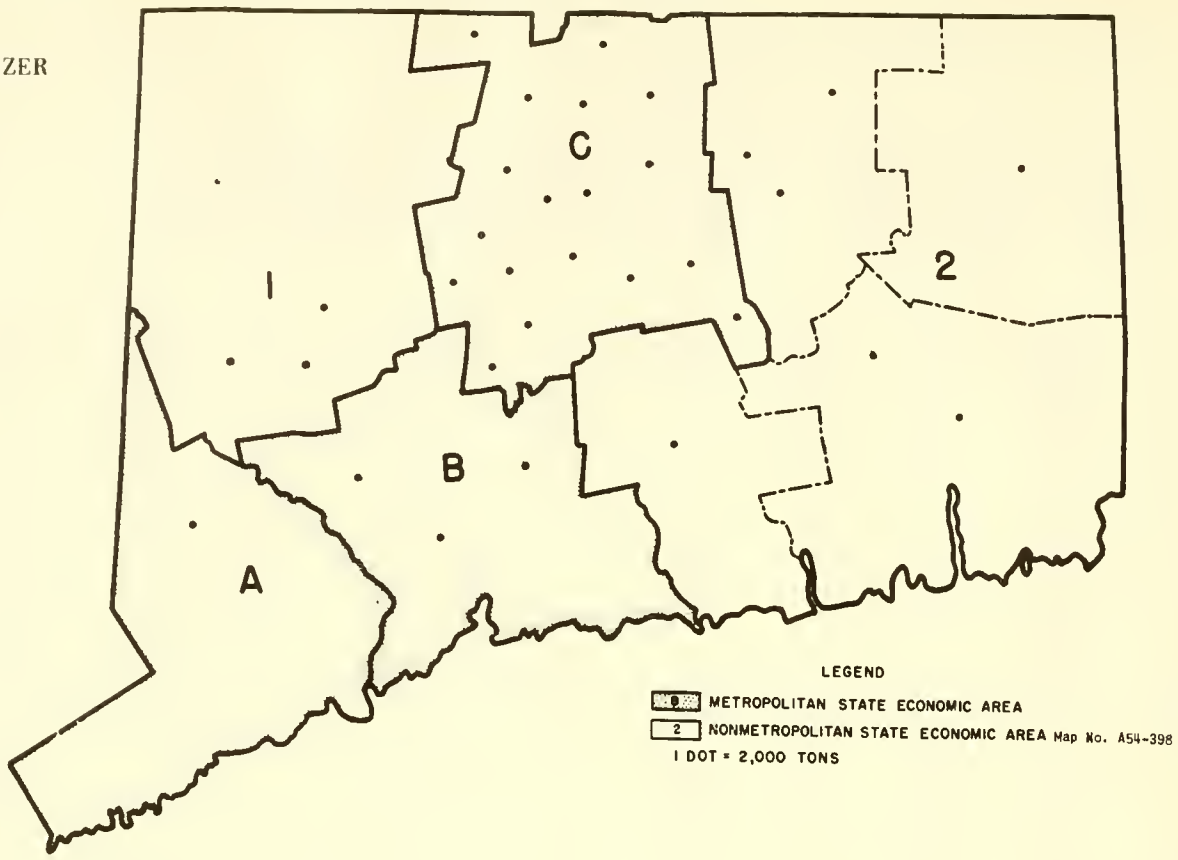
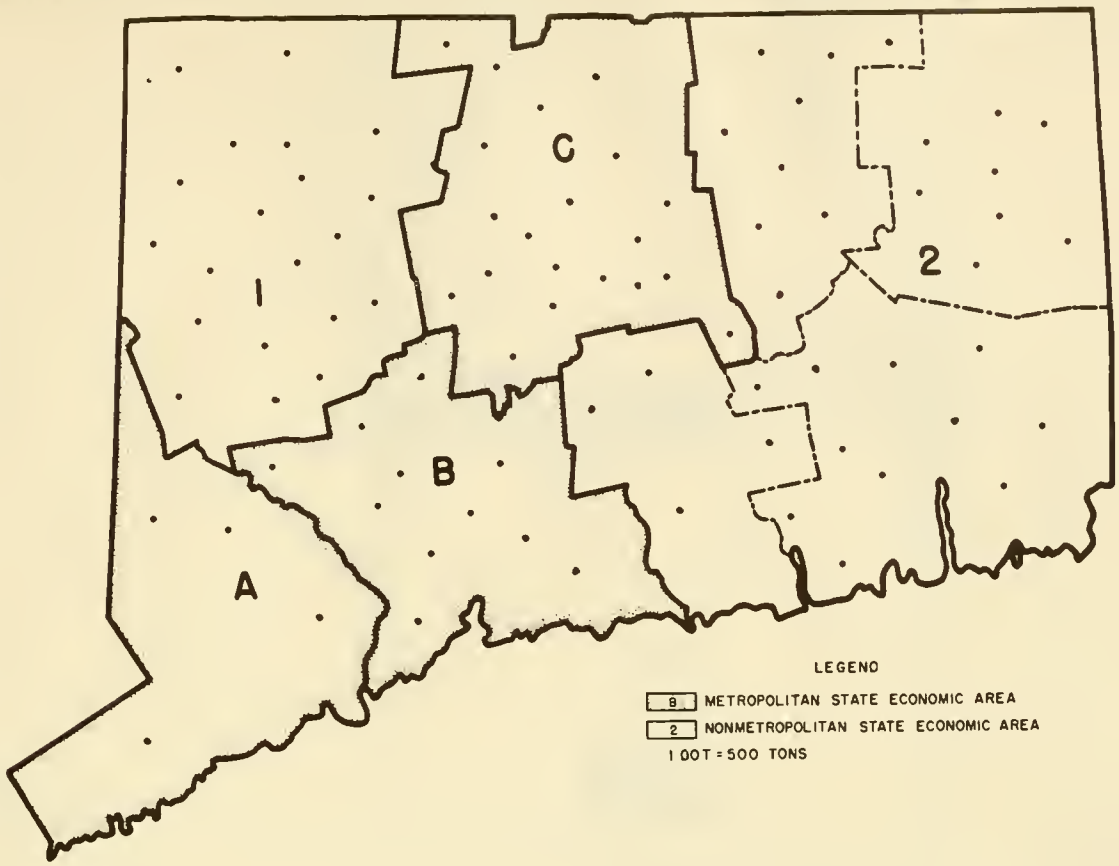


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Connecticut, total	66,829	883	16,947	453	2,157	475	47,228	1,389
	Area 1:								
2	Litchfield	6,789	439	4,430	415	636	428	1,632	474
	Metropolitan Area A:								
3	Fairfield	1,698	422	762	353	66	406	854	522
	Metropolitan Area B:								
4	New Haven	6,932	645	2,320	423	130	468	4,475	880
	Metropolitan Area C:								
5	Hartford	36,721	1,645	2,949	499	288	430	33,164	2,103
	Area 2:								
6	Middlesex	1,342	493	750	534	88	275	504	507
7	New London	4,676	619	2,494	514	396	710	1,757	808
8	Tolland	5,730	789	1,762	464	269	526	3,667	1,202
9	Windham	2,941	528	1,480	466	284	512	1,175	633

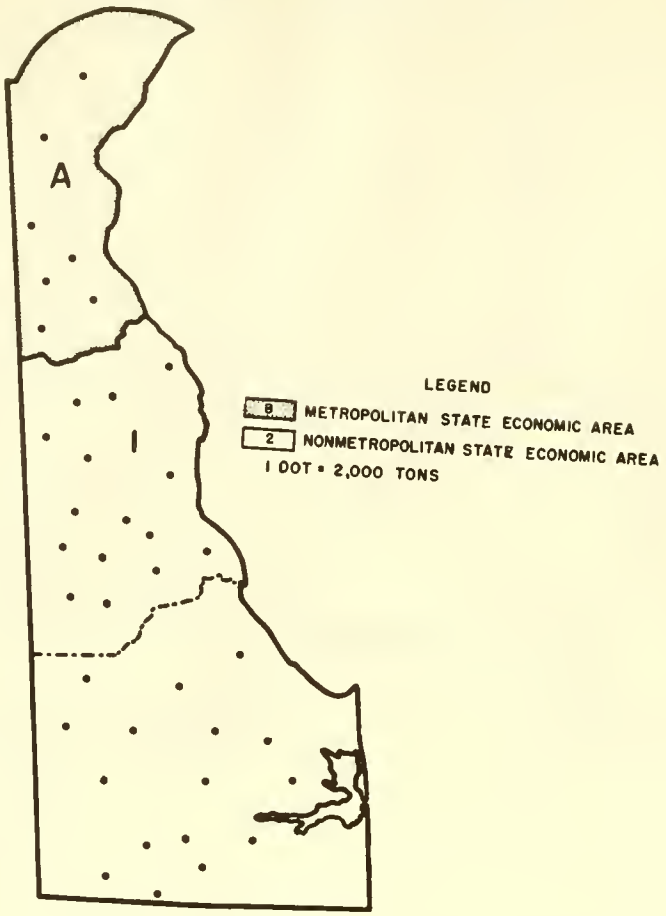


LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Tobacco*	*Tobacco*								
7,291	555	24,726	3,450	13,694	1,184	1,517	710	39,609	8.3	2,157	1
1,264	447	80	5,333	90	652	198	434	8,077	8.1	2,417	2
454	559	...	...	242	371	158	916	2,295	5.6	1,908	3
1,001	534	...	...	3,266	1,117	208	723	6,020	11.4	1,842	4
2,021	652	23,358	3,530	7,211	1,335	574	880	11,055	11.5	1,765	5
240	466	...	...	142	444	122	763	1,455	4.9	2,653	6
746	628	...	...	927	1,046	84	840	4,006	6.2	2,686	7
727	547	1,288	2,407	1,528	1,542	124	636	3,954	9.5	2,272	8
838	563	...	...	288	1,118	49	439	2,747	5.3	2,663	9

DELAWARE

TONS OF FERTILIZER



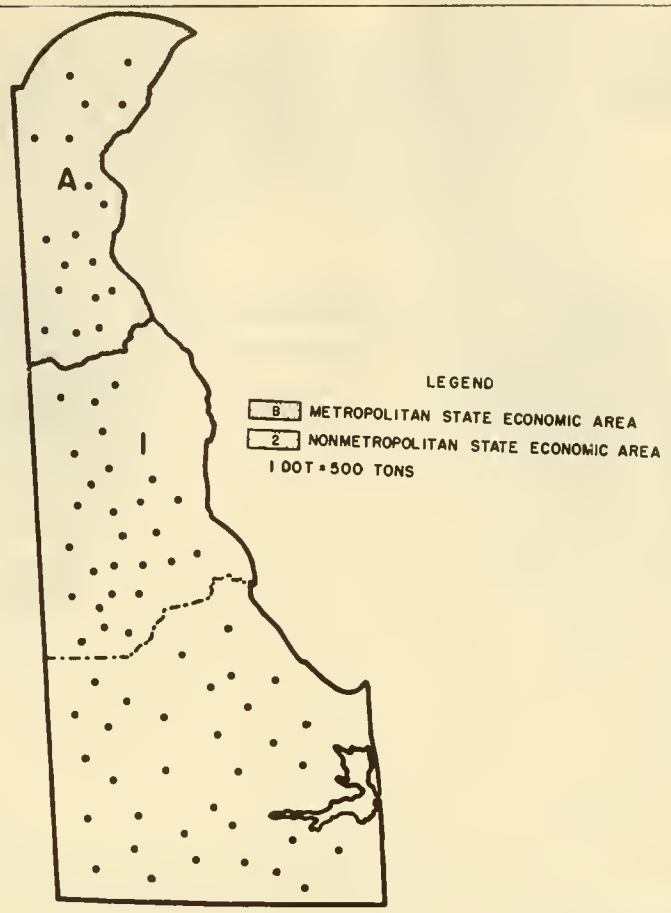
Map No. A54-400

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Delaware, total	75,144	476	5,687	367	596	272	68,207	487
	Area 1:								
2	Kent	29,539	548	1,751	341	40	696	27,460	562
3	Sussex	32,472	445	2,080	404	158	331	30,005	446
	Metropolitan Area A:								
4	New Castle	13,133	423	1,856	358	398	240	10,742	448

DELAWARE

TONS OF LIME



Map No. A54-401

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Wheat*	*Wheat*								
29,722	400	5,817	392	19,015	1,029	13,653	420	48,761	9.4	1,595	1
8,447	384	2,584	392	10,186	1,236	6,243	517	15,262	8.5	1,782	2
16,403	406	1,335	442	6,463	859	5,804	357	24,029	10.4	1,372	3
4,872	411	1,898	365	2,366	870	1,606	382	9,470	8.5	1,861	4

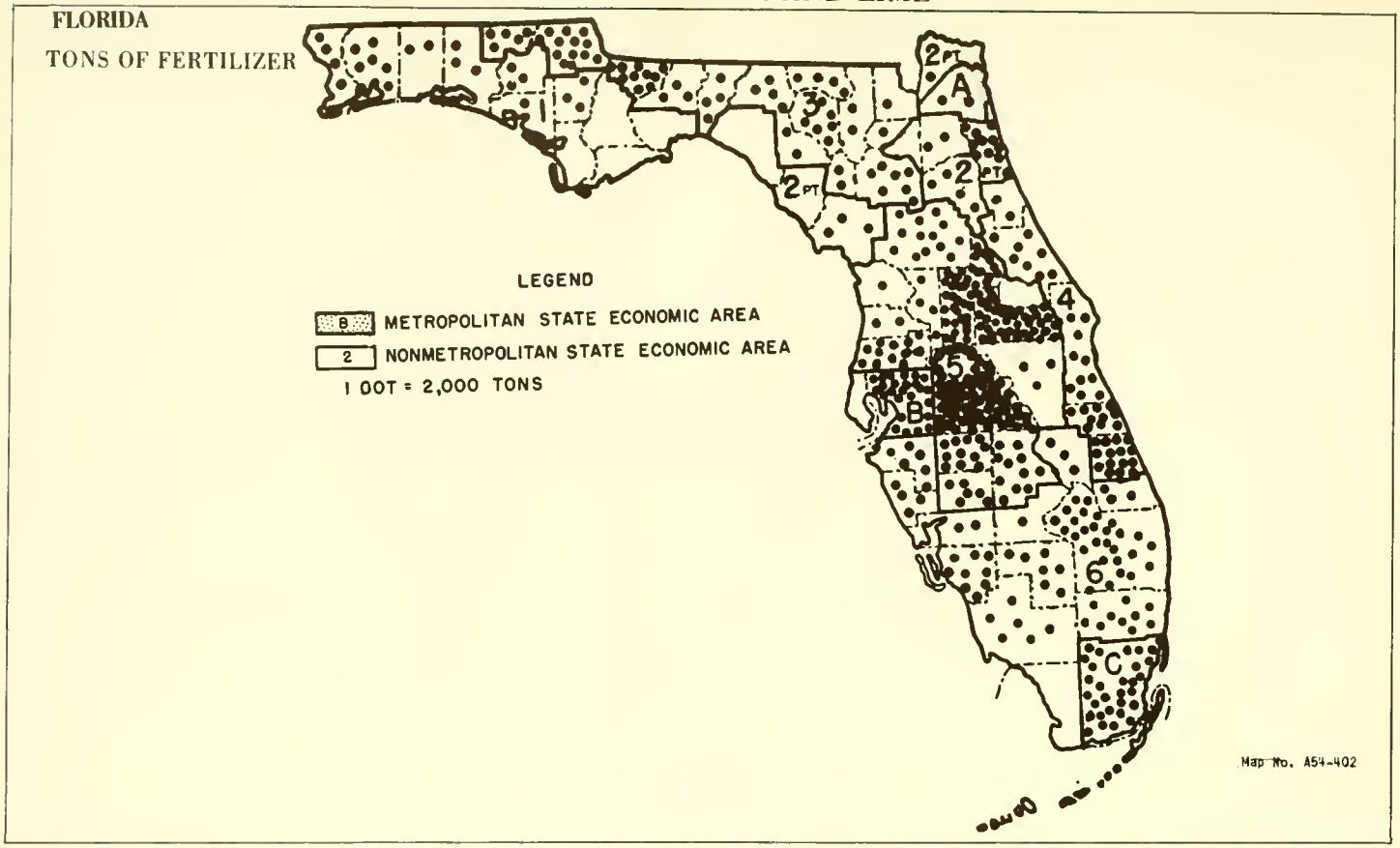
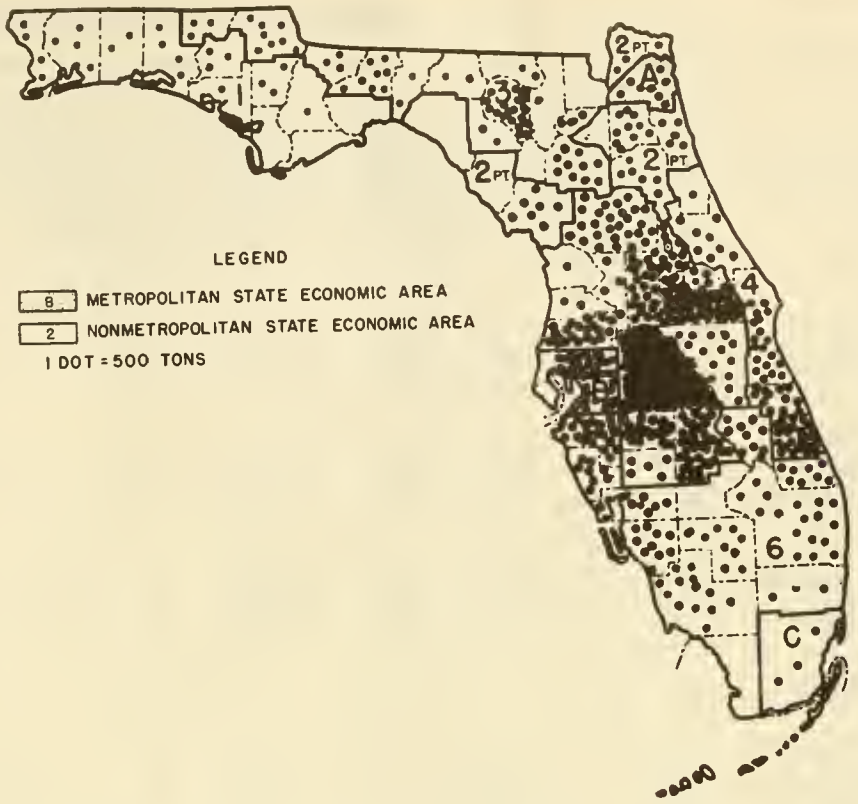


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Florida, total	1,057,932	912	42,843	383	94,957	330	918,101	1,208
	Area 1:								
2	Bay	1,604	442	619	686	113	365	873	361
3	Calhoun	6,684	464	931	520	763	396	4,970	466
4	Escambia	8,768	561	762	560	818	463	7,172	573
5	Franklin	69	395	50	694	15	176	5	286
6	Gulf	358	365	62	248	214	455	84	322
7	Liberty	440	296	20	250	158	239	260	347
8	Okaloosa	4,369	467	304	349	672	327	3,410	536
9	Santa Rosa	12,031	493	1,089	558	907	367	9,972	506
10	Wakulla	520	372	87	409	67	362	366	366
11	Walton	6,655	389	926	450	596	304	5,122	396
12	Washington	5,114	404	645	489	669	361	3,859	410
	Area 2:								
13	Bradford	3,298	519	125	347	954	400	2,222	616
14	Clay	4,457	830	1,132	516	1,486	738	1,837	1,577
15	Dixie	684	307	310	215	38	172	336	598
16	Levy	5,065	461	235	329	1,122	293	3,693	564
17	Nassau	1,702	496	210	302	1,278	543	216	581
18	Putnam	7,800	1,082	600	373	474	361	6,746	1,583
19	St. Johns	21,292	2,004	242	617	512	444	20,632	2,281
20	Taylor	669	368	44	174	72	388	549	400
	Metropolitan Area A:								
21	Duval	3,024	555	762	374	1,781	613	481	941
	Area 3:								
22	Alachua	13,717	598	1,324	425	2,407	379	9,946	728
23	Baker	1,672	478	48	321	318	415	1,302	506
24	Columbia	3,919	448	247	313	363	298	3,286	478
25	Gadsden	20,150	747	1,296	454	1,221	420	17,608	834
26	Gilchrist	3,782	674	208	454	236	293	3,323	765
27	Hamilton	7,700	440	126	363	796	413	6,780	452
28	Holmes	10,163	380	426	402	1,407	396	8,337	380
29	Jackson	26,019	371	1,920	394	2,267	362	21,529	369
30	Jefferson	8,488	346	458	338	873	229	7,136	364
31	Lafayette	4,086	411	260	340	524	297	3,301	437
32	Leon	5,102	395	462	364	1,380	517	3,300	376
33	Madison	8,690	351	554	237	558	344	7,531	362
34	Suwannee	11,036	448	603	234	781	221	9,512	509
35	Union	2,058	591	374	489	376	417	1,308	721

FLORIDA

TONS OF LIME



Map No. A54-403

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Cotton*	*Cotton*								
60,664	325	10,176	617	770,627	1,702	76,634	738	461,768	10.4	1,578	1
63	560	...	...	780	341	30	2,308	371	2.8	2,000	2
2,189	383	136	568	1,956	634	689	424	1,708	4.2	1,786	3
1,704	506	496	599	1,304	1,302	3,668	501	2,117	5.3	1,683	4
2	400	...	...	2	200	1	400	...	...	...	5
52	224	...	...	20	952	12	1,600	525	17.2	571	6
192	301	...	...	32	753	36	533	420	5.3	1,238	7
2,099	469	338	716	117	867	856	668	1,318	3.8	1,737	8
4,745	439	1,992	688	473	493	2,762	546	2,405	4.2	1,622	9
290	349	...	...	30	706	46	361	...	...	...	10
2,868	335	995	709	531	337	728	514	3,160	5.9	1,289	11
2,219	334	320	736	823	649	497	462	1,902	4.3	1,811	12
918	585	...	...	1,062	571	242	1,383	3,159	11.2	1,984	13
172	538	...	...	1,646	1,990	19	1,027	3,728	16.9	2,742	14
122	381	...	...	74	569	140	1,256	62	0.4	1,323	15
507	294	...	...	2,672	813	514	334	3,755	4.2	1,834	16
158	486	...	...	12	1,200	46	1,260	825	7.6	3,469	17
250	422	...	...	6,396	1,788	100	1,111	2,933	8.9	1,994	18
12	471	...	...	20,308	2,286	312	2,261	4,211	15.1	1,275	19
322	265	7	500	18	720	202	1,656	...	...	...	20
120	723	...	...	192	1,634	169	743	7,330	33.7	1,149	21
1,248	266	66	1,065	6,626	943	2,006	1,069	5,524	3.0	1,874	22
374	257	...	...	72	486	856	879	274	1.8	1,182	23
824	215	60	561	792	531	1,610	1,122	474	0.5	1,418	24
6,780	406	96	893	1,286	1,757	9,446	2,637	2,143	2.9	1,288	25
334	374	...	...	2,617	861	372	906	586	1.0	430	26
2,664	237	461	591	930	803	2,725	1,496	961	1.4	2,166	27
4,908	320	1,657	660	599	440	1,173	437	1,790	2.5	1,649	28
9,803	299	1,972	551	1,760	613	7,994	420	5,773	2.6	1,409	29
3,612	345	292	370	1,029	642	2,203	327	2,550	2.5	965	30
946	208	70	515	868	766	1,417	822	2,263	4.5	828	31
1,832	305	229	526	796	505	443	531	7,511	10.0	1,075	32
3,496	229	726	571	979	550	2,330	920	1,006	1.0	1,841	33
2,191	229	151	521	2,448	628	4,722	954	1,464	0.8	1,672	34
396	389	12	889	478	997	422	1,395	2,155	8.4	1,548	35

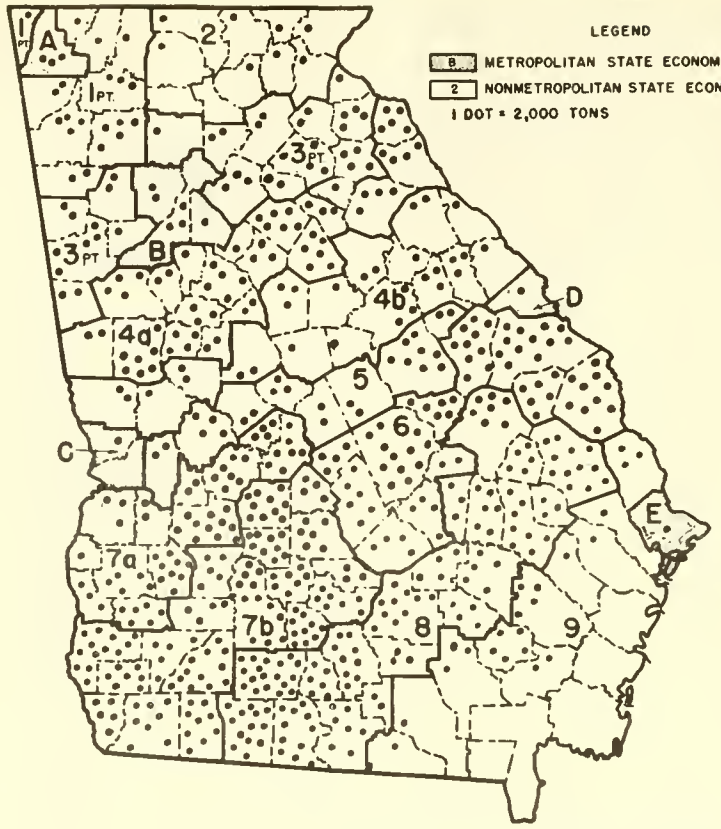
Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Florida—Continued								
	Area 4:								
1	Brevard	16,808	845	367	209	4,920	441	11,511	1,652
2	Flagler	4,581	1,263	302	514	348	443	3,930	1,743
3	Indian River	19,024	1,045	458	179	930	327	17,646	1,379
4	St. Lucie	30,812	874	370	130	1,722	121	28,765	1,567
5	Volusia	16,509	1,182	471	327	1,656	311	14,348	1,968
	Area 5:								
6	Citrus	1,791	504	1,040	658	286	233	465	627
7	De Soto	11,492	825	245	362	1,478	252	9,719	1,382
8	Hardee	21,777	1,302	394	290	1,546	398	20,063	1,748
9	Hernando	4,712	882	424	321	247	244	4,041	1,319
10	Highlands	22,401	946	397	391	2,488	214	19,471	1,756
11	Lake	80,355	1,372	778	291	4,295	575	74,831	1,541
12	Marion	25,211	795	2,124	433	3,754	354	19,330	1,192
13	Orange	79,078	1,441	2,372	438	2,702	346	74,074	1,772
14	Osceola	6,910	583	122	290	3,184	357	3,601	1,423
15	Pasco	24,209	979	984	376	2,380	232	20,856	1,746
16	Polk	155,641	1,595	3,555	494	6,542	352	145,344	2,039
17	Seminole	22,999	1,921	385	546	850	325	21,804	2,485
18	Sumter	8,171	946	215	377	1,150	363	6,798	1,392
	Metropolitan Area B:								
19	Hillsborough	50,629	1,141	1,574	426	4,918	327	44,067	1,687
20	Pinellas	12,609	1,428	302	298	416	470	11,893	1,716
	Area 6:								
21	Broward	20,777	1,005	1,800	437	2,145	393	16,832	1,516
22	Charlotte	3,788	380	166	74	1,372	203	2,251	2,292
23	Collier	12,298	1,469	10	400	466	218	11,692	1,881
24	Glades	2,474	375	110	772	1,374	305	990	503
25	Hendry	13,799	472	151	179	2,615	212	11,033	688
26	Lee	18,382	1,748	784	437	974	439	16,619	2,551
27	Manatee	12,968	1,133	706	431	1,207	360	11,035	1,715
28	Martin	5,746	938	660	418	716	295	4,360	2,153
29	Monroe	...	...	...	...	...	...	...	...
30	Okeechobee	6,798	758	10	100	2,850	395	3,937	2,375
31	Palm Beach	55,882	924	2,213	323	5,530	309	47,270	1,315
32	Sarasota	7,439	858	485	343	1,606	408	5,326	1,603
	Metropolitan Area C:								
33	Dade	60,677	1,766	1,408	395	2,074	271	57,195	2,474

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Cotton*	*Cotton*								
...	...	...	...	10,969	1,665	542	1,428	10,129	12.2	1,885	1
...	...	...	...	3,930	1,743	...	...	761	7.9	1,866	2
48	960	...	...	15,445	1,590	2,153	710	7,536	12.4	1,563	3
...	...	...	...	28,576	1,577	189	804	22,812	22.5	1,052	4
4	800	...	...	12,202	1,783	2,142	4,819	4,356	10.9	1,833	5
10	200	...	...	448	666	7	359	305	1.6	1,679	6
...	...	...	...	9,546	1,378	173	1,640	4,144	7.8	1,216	7
42	933	...	...	20,021	1,751	...	...	11,583	16.8	1,917	8
11	338	...	...	3,940	1,415	90	366	2,022	7.1	1,227	9
...	...	...	...	18,875	1,746	596	2,129	27,997	41.7	1,279	10
32	276	58	748	72,939	1,522	1,802	4,095	25,902	17.6	1,376	11
748	358	...	...	17,753	1,397	829	584	13,875	6.5	1,968	12
94	389	...	...	72,750	1,780	1,230	1,779	36,780	24.6	1,566	13
50	465	...	...	3,546	1,466	5	1,000	11,537	28.8	1,241	14
27	600	...	...	20,501	1,788	328	754	15,579	16.2	1,331	15
60	453	...	...	144,806	2,040	478	2,656	84,406	29.5	1,884	16
...	...	...	...	21,174	2,569	630	1,182	4,133	12.3	1,596	17
108	307	42	700	6,612	1,496	36	692	2,306	3.4	1,812	18
90	514	...	...	43,157	1,712	820	1,101	23,155	14.8	1,749	19
...	...	...	...	11,520	1,725	373	1,492	4,961	21.5	1,729	20
...	...	...	...	16,046	1,559	786	973	2,217	3.6	1,539	21
...	...	...	...	1,921	2,203	330	3,000	3,668	16.4	1,836	22
...	...	...	...	11,677	1,889	15	429	6,165	23.3	2,145	23
10	250	...	...	410	785	570	406	...	...	...	24
57	253	...	...	6,758	2,266	4,218	329	4,608	4.9	2,027	25
5	2,000	...	...	14,142	2,818	2,472	1,655	6,971	17.8	1,410	26
2	800	...	...	8,911	1,683	2,122	1,863	8,562	14.9	2,214	27
32	474	...	...	4,258	2,215	70	2,000	13,077	62.9	628	28
...	...	...	...	...	...	...	...	...	...	...	29
...	...	...	...	3,937	2,375	...	...	4,890	6.5	2,034	30
752	508	...	...	43,586	1,547	2,932	465	13,296	7.1	1,309	31
20	308	...	...	5,082	1,661	224	1,134	4,852	13.9	1,676	32
50	667	...	...	55,461	2,474	1,684	2,677	4,780	4.8	634	33

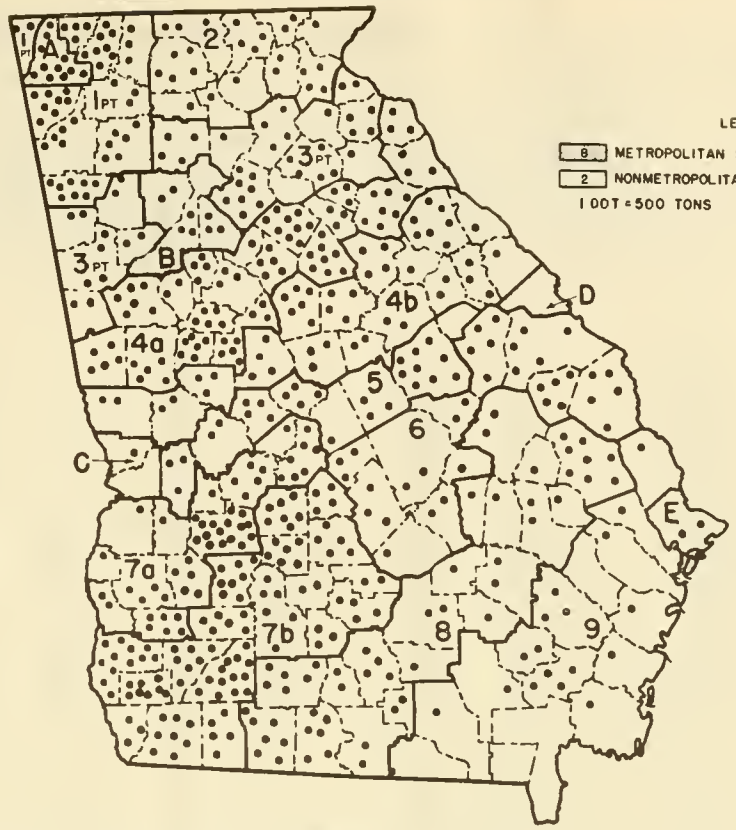
GEORGIA
TONS OF FERTILIZER



Map No. A54-404

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Georgia, total	1,241,598	398	125,442	352	83,588	325	1,027,709	413
	Area 1:								
2	Bartow	10,437	473	1,582	405	814	370	7,984	496
3	Catoosa	2,406	419	982	453	213	324	1,207	422
4	Chattooga	4,544	402	828	483	432	334	3,281	394
5	Dade	1,158	377	152	256	85	266	906	422
6	Floyd	7,514	374	1,871	326	916	313	4,718	413
7	Gordon	5,477	381	356	324	238	314	4,848	390
8	Murray	2,633	296	168	249	85	295	2,358	299
9	Polk	4,597	368	812	289	378	216	3,363	422
10	Whitfield	2,972	315	626	355	337	235	2,011	326
	Metropolitan Area A:								
11	Walker	5,625	355	2,078	427	984	308	2,539	329
	Area 2:								
12	Dawson	865	330	55	336	126	278	686	342
13	Fannin	1,272	358	215	276	104	293	942	395
14	Gilmer	1,793	394	84	303	338	306	1,367	426
15	Habersham	2,618	385	376	381	420	339	1,804	395
16	Lumpkin	1,382	406	48	315	263	378	1,043	412
17	Pickens	906	342	100	348	180	291	622	367
18	Rabun	1,476	440	285	421	335	325	834	510
19	Towns	1,243	379	348	383	108	357	768	378
20	Union	2,560	421	427	378	324	437	1,810	440
21	White	1,541	408	63	504	316	376	1,164	413
	Area 3:								
22	Banks	3,324	419	352	499	132	140	2,818	449
23	Barrow	4,452	399	174	303	282	226	3,920	426
24	Carroll	10,814	404	1,076	338	610	252	9,110	435
25	Cherokee	2,226	339	328	310	252	293	1,616	349
26	Douglas	2,361	337	388	369	134	129	1,827	369
27	Forsyth	3,130	314	457	308	188	302	2,428	317
28	Franklin	7,529	406	311	285	627	339	6,544	421
29	Gwinnett	6,422	365	1,155	373	635	334	4,580	362
30	Hall	3,690	358	302	311	926	352	2,412	362
31	Haralson	4,171	448	525	517	262	273	3,398	464
32	Heard	3,824	354	672	229	35	152	3,094	409
33	Jackson	8,164	433	292	220	394	260	7,464	466
34	Madison	8,257	413	384	279	308	260	7,427	428
35	Paulding	3,838	437	692	372	202	407	2,943	453
36	Stephens	1,805	327	408	278	256	187	1,127	422



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	Corn	Cotton	Cotton								
421,779	313	274,972	564	84,047	665	246,911	466	364,890	3.8	1,537	1
2,129	324	5,168	663	144	684	543	354	3,550	4.3	1,800	2
611	311	294	551	194	953	108	697	2,335	7.4	1,636	3
1,886	344	1,196	514	84	480	115	341	2,871	5.8	2,716	4
546	335	95	494	248	870	17	425	509	3.1	4,621	5
2,278	375	1,923	486	126	609	391	334	2,960	3.5	1,622	6
2,193	312	2,587	497	29	483	39	289	1,020	1.5	2,647	7
1,166	237	844	414	148	502	200	321	1,098	3.0	3,129	8
1,500	353	1,491	535	88	838	284	341	2,510	4.7	3,088	9
1,285	316	331	408	62	496	333	283	2,598	5.3	3,233	10
1,464	281	568	429	140	551	367	390	4,254	6.3	2,640	11
549	329	52	743	58	350	27	263	325	2.3	1,969	12
730	362	...	...	206	580	6	400	1,200	7.1	2,575	13
1,125	414	...	...	228	495	14	406	2,035	11.7	2,260	14
1,326	382	84	336	236	497	158	427	1,611	5.4	2,375	15
752	363	16	376	245	845	30	226	276	1.9	2,572	16
489	349	82	405	28	747	23	426	425	3.3	2,871	17
694	471	...	...	138	865	2	800	1,045	9.9	1,301	18
596	361	...	...	48	1,297	124	361	605	5.4	2,744	19
1,190	394	...	...	366	747	254	423	2,286	13.0	1,786	20
868	368	248	657	16	582	32	640	905	5.0	2,376	21
1,340	382	980	628	142	1,033	356	330	621	1.8	2,048	22
1,163	313	1,709	570	62	577	986	413	2,775	5.9	1,290	23
4,737	355	3,643	589	322	736	408	421	2,535	2.4	1,538	24
1,176	300	234	596	122	697	84	579	1,752	5.1	2,011	25
999	339	372	526	346	407	110	246	1,805	6.2	850	26
1,418	277	500	489	258	437	252	272	752	1.6	1,902	27
2,012	378	2,868	673	234	452	1,430	263	2,163	3.1	1,850	28
2,258	328	1,400	505	250	462	672	272	4,877	6.1	1,538	29
1,461	323	623	574	50	328	278	313	2,455	4.5	1,662	30
1,610	385	827	608	437	693	524	454	1,650	4.7	1,194	31
1,474	300	1,152	602	400	800	68	288	1,920	4.8	1,208	32
1,748	371	3,472	641	366	394	1,878	380	3,571	4.4	1,516	33
1,632	386	3,648	662	83	544	2,064	277	560	0.8	1,161	34
1,384	356	931	555	574	735	54	360	970	2.5	1,979	35
638	338	268	642	74	871	147	520	810	3.8	1,951	36

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Georgia—Continued								
	Metropolitan Area B:								
1	Cobb	3,260	332	718	253	270	268	2,184	372
2	De Kalb	2,200	592	817	516	60	179	1,312	743
3	Fulton	5,029	429	1,308	464	691	356	3,042	443
	Area 4a:								
4	Butts	3,458	413	362	416	204	469	2,887	405
5	Clarke	2,880	418	397	340	687	413	1,810	445
6	Clayton	2,464	405	795	446	309	266	1,362	431
7	Coweta	7,108	369	1,525	328	681	286	4,797	400
8	Elbert	8,194	418	912	308	542	215	6,592	474
9	Fayette	4,362	431	606	318	292	489	3,474	466
10	Hart	10,482	418	332	389	302	234	9,752	432
11	Henry	9,638	386	1,411	241	393	191	7,809	455
12	Lamar	4,374	363	722	341	1,002	289	2,652	412
13	Meriwether	13,302	462	1,330	327	686	290	11,271	500
14	Morgan	12,357	523	2,414	433	2,170	499	7,673	561
15	Newton	6,748	404	1,516	402	1,084	299	4,153	447
16	Oconee	6,664	425	926	459	510	361	5,170	424
17	Oglethorpe	7,295	341	1,114	306	672	386	5,549	353
18	Pike	8,822	440	1,547	420	1,174	312	6,098	483
19	Rockdale	2,450	319	431	160	200	465	1,819	398
20	Spalding	5,653	374	1,189	351	1,096	321	3,284	400
21	Troup	3,380	323	664	346	744	262	1,941	346
22	Walton	12,342	459	2,245	441	467	284	9,617	479
	Area 4b:								
23	Baldwin	2,747	302	423	183	151	335	2,175	343
24	Columbia	2,003	288	478	274	122	256	1,384	294
25	Greene	3,174	414	736	422	368	353	2,070	418
26	Hancock	5,172	321	582	370	686	402	3,878	304
27	Harris	3,482	379	782	327	676	230	2,017	526
28	Jasper	5,021	447	1,406	482	436	374	3,130	437
29	Jones	2,260	365	358	372	716	325	1,185	389
30	Lincoln	1,924	263	384	206	225	202	1,323	302
31	McDuffie	5,125	344	1,098	288	458	365	3,556	366
32	Monroe	3,148	342	1,256	386	502	225	1,391	367
33	Putnam	1,914	335	441	416	478	227	969	375
34	Talbot	2,780	308	462	336	520	183	1,800	370
35	Taliaferro	1,244	337	320	389	198	342	725	313
36	Upson	3,694	328	1,222	265	454	351	2,005	378
37	Warren	6,102	355	879	304	16	291	5,176	366
38	Wilkes	4,384	327	1,198	347	567	240	2,573	339
	Area 5:								
39	Bibb	5,098	409	1,062	381	619	265	3,405	454
40	Crawford	4,426	419	538	304	116	386	3,772	448
41	Glascock	3,928	381	122	321	32	533	3,772	382
42	Marion	4,807	307	527	361	622	282	3,640	307
43	Taylor	8,402	396	496	355	294	241	7,644	413
44	Twiggs	3,344	280	128	227	143	213	3,081	293
45	Washington	15,803	340	1,666	303	444	358	13,679	349
46	Wilkinson	3,250	287	88	306	143	331	3,028	284
	Metropolitan Area C:								
47	Chattahoochee	132	220	33	264	...	...	100	212
48	Muscogee	1,598	411	1,055	499	130	202	411	370
	Metropolitan Area D:								
49	Richmond	2,018	244	418	161	134	228	1,465	292
	Area 6:								
50	Bleckley	8,538	330	636	250	571	284	7,316	342
51	Burke	23,445	352	1,954	339	659	444	20,547	349
52	Dodge	12,265	314	882	270	947	249	10,305	324
53	Jefferson	19,748	386	2,254	361	582	356	16,912	390
54	Jenkins	11,168	367	1,510	393	766	408	8,754	358
55	Johnson	11,370	341	889	397	253	192	9,958	333
56	Laurens	23,082	283	1,972	284	808	234	20,123	283
57	Screven	19,634	336	2,527	305	1,469	349	15,573	344
58	Telfair	8,904	347	1,269	326	757	312	6,712	349
59	Treutlen	4,458	301	272	239	226	193	3,942	314
60	Wheeler	7,012	338	880	246	150	315	5,964	359
	Area 7a:								
61	Calhoun	11,880	381	1,616	379	1,105	287	9,096	396
62	Clay	6,939	358	259	366	506	384	6,144	356
63	Houston	13,144	391	575	425	1,391	344	11,132	399
64	Macon	14,700	377	1,524	281	1,552	412	11,564	392
65	Pesch	8,566	437	376	209	76	211	8,115	468
66	Quitman	1,898	335	40	320	30	462	1,832	340
67	Randolph	10,459	365	990	349	853	465	8,566	356
68	Schley	4,928	366	268	443	66	372	4,584	373
69	Stewart	5,786	331	690	294	570	353	4,518	337
70	Sumter	21,688	411	2,285	371	2,144	280	17,260	445
71	Terrell	17,665	440	1,430	476	1,206	397	15,043	444
72	Webster	4,118	311	98	340	478	296	3,512	312

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Cotton*	*Cotton*								
1,320	323	234	444	416	555	214	420	1,565	3.2	1,450	1
470	467	48	427	734	1,380	60	522	1,790	6.9	1,508	2
1,630	384	670	618	160	496	582	480	2,818	4.5	1,160	3
632	344	1,317	541	140	525	798	309	1,555	4.6	1,781	4
356	326	522	597	32	640	900	440	1,865	6.7	1,829	5
604	383	411	585	155	549	192	321	2,415	8.4	1,663	6
2,096	328	1,798	524	311	450	592	399	3,968	5.1	1,405	7
1,274	392	3,594	693	80	438	1,644	312	2,050	3.2	1,702	8
1,224	347	1,872	635	90	703	288	339	2,230	4.6	1,099	9
1,768	377	4,504	656	174	544	3,306	309	1,210	1.6	2,066	10
1,982	383	3,504	598	814	590	1,509	318	4,897	6.2	670	11
850	335	836	601	340	337	626	417	2,600	7.0	1,808	12
3,289	358	5,030	659	1,752	641	1,200	406	2,745	3.3	1,672	13
1,434	361	5,307	674	252	789	680	449	5,325	6.8	1,510	14
1,232	354	2,320	540	224	943	377	293	3,334	5.6	1,399	15
936	263	2,774	623	84	644	1,376	339	1,525	3.0	2,033	16
1,300	282	2,449	567	94	612	1,706	258	5,234	7.7	1,305	17
1,388	343	2,299	597	676	697	1,735	464	3,205	4.9	1,861	18
731	338	820	495	42	454	226	341	835	3.3	1,653	19
628	352	927	590	417	557	1,312	319	4,150	8.7	1,217	20
1,068	290	422	492	95	691	356	379	3,842	7.5	1,347	21
2,592	354	6,046	600	28	583	951	363	5,185	5.6	1,671	22
1,198	283	329	439	354	641	294	370	4,180	9.8	488	23
528	227	576	459	51	400	229	230	1,020	2.4	1,314	24
698	306	1,012	561	30	706	330	400	2,059	4.7	1,962	25
1,448	194	2,196	479	82	541	152	265	1,169	2.0	1,969	26
535	291	536	634	802	1,140	144	324	1,693	4.4	1,453	27
762	402	1,578	608	188	286	602	299	3,367	6.0	1,858	28
333	348	94	455	286	452	472	378	1,715	6.2	1,948	29
566	283	486	383	50	472	221	220	372	1.3	1,866	30
1,380	286	1,854	483	64	359	258	293	1,680	3.2	1,596	31
458	270	410	573	49	408	474	377	4,151	8.7	963	32
352	279	415	514	9	240	193	407	3,959	13.6	1,080	33
884	287	371	459	297	644	248	481	3,203	8.0	632	34
242	212	467	411	6	2,000	10	308	869	5.5	1,091	35
928	288	432	571	408	609	237	359	1,735	3.7	1,954	36
1,469	275	2,870	484	59	529	778	282	1,642	2.1	1,464	37
892	260	1,104	454	37	673	540	323	4,585	6.6	1,423	38
740	282	422	530	1,488	891	755	314	2,555	5.1	1,408	39
1,481	372	436	528	1,195	631	660	386	2,623	6.1	1,684	40
1,364	251	1,926	581	52	528	430	418	68	0.2	1,941	41
1,577	235	1,087	489	76	385	900	329	1,673	2.9	1,693	42
3,136	309	2,537	643	809	534	1,162	398	1,090	1.8	1,936	43
1,124	187	989	496	348	483	620	343	690	1.8	1,281	44
4,986	258	5,148	535	626	338	2,919	349	4,809	3.4	1,824	45
1,791	238	510	482	317	607	410	262	1,183	2.3	2,877	46
48	138	31	477	1	400	20	354	...	...	...	47
212	308	50	435	116	440	33	742	505	3.2	1,545	48
488	213	361	445	40	342	576	322	820	2.4	2,488	49
3,490	252	2,498	626	326	513	1,002	343	2,263	3.4	1,420	50
6,866	251	10,697	517	245	485	2,739	263	3,855	1.6	1,369	51
4,938	255	3,335	467	412	368	1,620	390	2,455	2.2	1,130	52
5,539	325	6,054	566	102	285	5,217	342	2,841	2.1	1,637	53
4,053	273	3,344	532	87	540	1,270	404	2,941	3.0	1,686	54
3,872	229	4,899	539	74	705	1,113	288	897	0.9	1,721	55
9,767	224	6,912	423	406	417	3,038	297	3,745	1.7	609	56
8,073	262	5,738	562	288	421	1,474	405	3,052	2.1	1,592	57
3,239	265	1,340	578	775	415	1,358	476	867	1.2	1,675	58
1,831	198	1,114	519	74	1,721	923	850	618	1.6	1,045	59
3,542	285	1,180	537	331	468	911	712	1,428	2.6	1,169	60
3,180	334	1,900	542	121	880	3,895	397	3,981	5.1	1,458	61
2,150	296	1,046	498	12	800	2,936	372	1,769	3.4	1,031	62
3,388	327	1,644	642	1,354	528	4,746	382	3,640	3.9	1,820	63
4,400	315	3,293	514	1,582	518	2,289	378	3,218	2.8	1,609	64
2,345	449	892	760	3,190	499	1,688	371	645	1.3	1,907	65
730	314	373	450	10	364	719	326	619	3.2	1,519	66
2,727	286	1,460	477	140	414	4,239	381	2,835	2.8	1,466	67
2,197	298	1,392	535	380	817	615	334	1,052	2.6	1,367	68
2,197	297	740	472	29	214	1,552	359	1,224	2.3	1,033	69
6,413	397	4,040	649	482	637	6,325	405	10,402	6.7	1,552	70
4,806	366	4,507	624	188	531	5,542	420	4,185	3.5	1,153	71
1,428	255	420	462	46	361	1,618	350	837	1.9	1,317	72

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

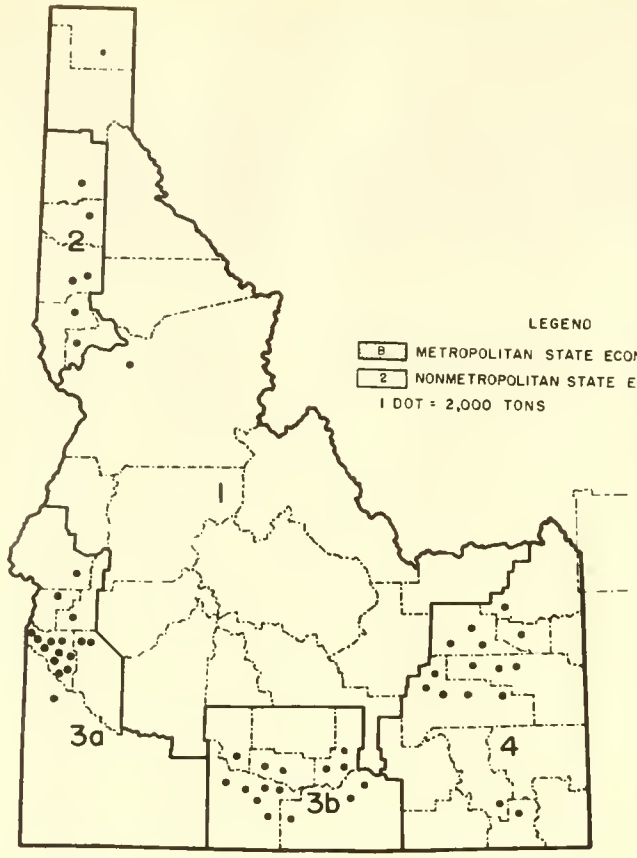
	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Georgia—Continued								
	Area 7b:								
1	Baker	10,114	366	1,768	368	110	478	8,205	364
2	Ben Hill	5,943	417	269	318	80	360	5,475	422
3	Crisp	17,522	473	682	344	628	333	16,229	490
4	Decatur	15,449	371	558	401	870	291	14,025	379
5	Dooly	20,864	435	788	274	943	387	19,137	448
6	Dougherty	8,904	370	1,942	389	1,495	397	5,433	355
7	Early	25,048	390	2,232	288	1,508	320	21,028	407
8	Grady	18,807	419	1,180	307	1,059	446	16,479	433
9	Irwin	13,273	447	845	475	514	430	11,785	450
10	Lee	10,739	392	900	472	1,450	423	8,329	375
11	Miller	13,988	327	321	278	836	203	12,804	344
12	Mitchell	24,492	398	2,458	391	1,250	332	20,692	411
13	Pulaski	8,524	394	484	349	822	382	7,227	406
14	Seminole	9,971	362	475	345	1,126	291	8,376	372
15	Tift	19,726	550	856	419	390	355	18,497	567
16	Turner	13,898	399	324	316	502	217	13,131	420
17	Wilcox	11,664	394	531	484	217	358	10,889	396
18	Worth	24,069	417	682	369	800	364	22,634	425
	Area 8:								
19	Appling	9,159	435	440	417	658	403	8,067	443
20	Atkinson	5,559	513	676	459	157	298	4,727	537
21	Bacon	7,658	513	740	459	233	312	6,651	532
22	Berrien	18,005	533	1,038	455	966	387	15,945	550
23	Brooks	20,912	435	1,792	346	822	462	18,130	441
24	Bulloch	24,432	406	1,396	368	1,103	407	21,840	410
25	Candler	9,211	400	700	351	490	366	8,008	409
26	Coffee	20,182	464	792	369	1,863	414	17,221	475
27	Colquitt	35,346	495	2,582	406	1,549	409	31,401	512
28	Cook	12,290	529	570	410	410	416	11,279	541
29	Emanuel	14,306	341	793	284	397	299	13,113	351
30	Evans	6,082	445	446	548	328	397	5,272	449
31	Jeff Davis	7,604	555	286	438	350	414	6,915	568
32	Lanier	4,584	523	910	712	218	596	3,460	493
33	Lowndes	13,928	468	1,323	486	972	372	11,631	484
34	Montgomery	5,784	340	240	277	182	262	5,402	351
35	Tattnall	15,977	484	694	377	690	403	14,581	504
36	Thomas	26,268	482	2,799	500	755	319	22,643	485
37	Toombs	11,007	488	481	330	595	480	9,911	416
	Area 9:								
38	Brantley	3,253	622	486	538	378	305	2,388	775
39	Bryan	1,994	433	254	440	134	337	1,577	441
40	Camden	381	496	38	136	38	262	306	893
41	Charlton	580	508	36	409	44	391	497	525
42	Clinch	1,218	503	184	363	224	603	808	521
43	Echols	1,068	348	36	206	78	432	971	358
44	Effingham	5,514	430	330	233	150	504	5,041	458
45	Glynn	366	496	155	525	108	467	102	482
46	Liberty	1,290	492	242	516	257	427	791	510
47	Long	1,740	448	88	371	182	450	1,469	454
48	McIntosh	134	308	66	251	23	657	46	329
49	Pierce	9,865	515	464	379	416	324	8,862	535
50	Ware	5,690	496	575	342	472	500	4,674	532
51	Wayne	7,354	404	546	265	490	294	6,286	436
	Metropolitan Area E:								
52	Chatham	1,999	576	342	384	366	485	1,282	692

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Cotton*	*Cotton*								
3,700	306	1,252	613	127	498	3,126	384	7,026	8.0	930	1
1,880	295	1,406	503	314	872	1,875	545	1,252	3.1	1,462	2
6,430	415	5,036	770	1,981	601	2,782	356	3,876	4.0	1,601	3
7,467	308	1,238	512	408	626	4,912	504	6,417	5.9	1,323	4
6,174	337	7,136	659	2,321	716	3,506	339	3,881	2.9	1,820	5
2,086	352	596	473	893	248	1,858	411	2,933	2.9	1,913	6
8,132	334	4,789	586	263	559	7,844	419	8,562	5.6	1,447	7
8,954	348	1,420	658	2,060	766	4,045	541	3,350	3.3	1,423	8
4,606	324	2,468	571	1,082	730	3,629	587	2,210	2.6	1,748	9
3,058	345	1,059	631	589	416	3,623	354	4,721	4.8	1,727	10
5,567	274	1,938	512	607	829	4,692	381	7,117	8.0	1,097	11
8,628	309	3,778	485	2,306	834	5,980	504	9,147	5.2	1,397	12
3,076	307	2,919	593	180	502	1,052	424	1,934	2.7	1,816	13
3,628	311	1,519	535	162	745	3,067	394	2,320	3.3	1,441	14
6,134	403	2,724	619	2,986	984	6,653	669	2,735	3.4	1,257	15
3,404	369	2,934	630	2,139	533	4,654	347	1,546	2.1	1,035	16
4,055	327	3,451	543	1,156	767	2,227	310	3,246	4.0	1,532	17
7,827	316	6,178	593	2,358	728	6,271	425	3,035	2.0	1,999	18
3,752	285	1,476	584	483	795	2,356	1,253	1,514	2.7	1,384	19
2,498	346	309	701	132	940	1,788	1,799	565	1.9	1,140	20
3,404	342	591	612	76	724	2,580	1,730	1,024	2.5	1,348	21
8,760	394	1,138	582	1,231	927	4,816	1,390	2,350	3.1	1,887	22
7,734	305	2,732	543	4,553	696	3,111	749	3,682	2.7	1,705	23
11,447	314	4,632	567	509	847	5,252	653	5,186	3.3	1,505	24
3,671	269	1,776	516	356	830	2,205	1,073	500	0.9	1,320	25
8,634	318	2,142	562	500	839	5,945	1,268	1,562	1.6	1,373	26
11,329	335	6,956	551	4,870	951	8,246	842	5,315	3.4	1,120	27
4,645	340	1,385	588	1,833	853	3,416	1,278	1,087	2.0	1,660	28
5,947	244	4,704	506	329	497	2,133	721	1,971	1.6	1,076	29
2,618	302	892	562	238	1,058	1,524	1,210	554	1.7	1,354	30
3,518	380	878	652	255	1,123	2,264	1,702	1,027	2.8	1,089	31
1,798	348	228	625	186	1,244	1,248	938	970	4.5	1,907	32
5,290	321	892	526	1,554	712	3,895	1,071	1,724	2.2	1,187	33
2,634	239	1,223	496	237	671	1,308	836	611	1.3	1,342	34
6,630	321	1,564	524	3,360	1,475	3,027	1,003	1,275	1.7	1,250	35
10,686	368	2,076	646	5,856	775	4,025	591	4,776	3.8	1,502	36
4,601	285	2,436	553	623	626	2,251	1,009	1,195	1.7	931	37
1,312	555	2	800	92	925	982	1,606	1,985	12.5	1,888	38
937	330	53	602	258	1,316	329	738	821	6.2	1,471	39
84	487	...	...	200	1,509	22	587	272	6.1	3,272	40
270	402	2	800	22	710	203	837	180	2.6	1,611	41
553	436	38	447	18	327	199	1,382	417	7.0	1,688	42
547	260	10	1,333	36	414	378	736	210	1.9	1,838	43
3,667	427	685	764	212	530	477	426	620	1.6	1,194	44
64	410	...	...	37	698	1	400	238	6.1	2,176	45
466	421	68	897	85	592	172	764	655	5.9	1,817	46
843	344	232	516	75	843	319	1,276	105	1.3	2,857	47
40	327	...	...	6	343	...	...	200	7.3	2,900	48
4,052	339	650	581	368	961	3,792	1,225	730	1.3	2,151	49
2,382	348	211	636	273	609	1,808	1,560	1,148	3.6	1,054	50
3,789	328	748	641	361	606	1,388	1,284	2,882	5.2	1,057	51
349	488	47	537	735	1,165	151	360	1,470	10.2	1,569	52

IDAHO

TONS OF FERTILIZER



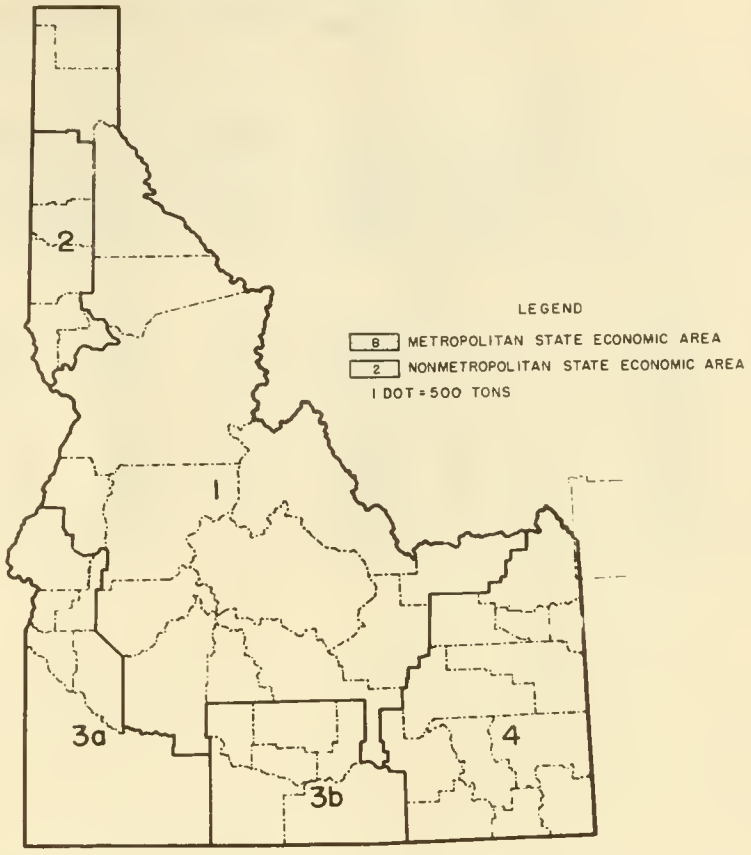
Map No. A54-408

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Idaho, total	110,459	233	24,768	212	2,196	182	83,439	242
	Area 1:								
2	Adams	190	214	146	204	...	...	43	253
3	Blaine	307	149	50	181	15	200	242	141
4	Boise	95	176	80	203	2	100	13	104
5	Bonner	915	169	568	166	43	161	304	175
6	Boundary	1,050	102	114	185	10	133	927	96
7	Butte	419	178	112	205	2	200	306	170
8	Camas	76	102	7	192	...	...	69	98
9	Clark	61	201	60	200	...	...	1	250
10	Clearwater	447	103	132	130	2	160	313	94
11	Custer	297	252	55	308	5	100	237	250
12	Elmore	874	266	315	347	32	188	526	239
13	Idaho	1,802	131	315	135	4	111	1,483	130
14	Lemhi	246	242	176	234	...	...	70	262
15	Shoshone	2	267	...	...	...	...	2	267
16	Valley	289	173	30	128	...	...	259	180
	Area 2:								
17	Benewah	1,271	122	263	199	6	106	1,007	111
18	Kootenai	2,258	132	329	150	14	144	1,915	129
19	Latah	3,616	117	318	126	38	230	3,267	116
20	Lewis	1,152	102	56	122	34	117	1,062	100
21	Nez Perce	2,653	109	135	110	41	124	2,461	107
	Area 3a:								
22	Ada	3,216	406	1,481	388	184	423	1,551	423
23	Canyon	19,834	532	2,267	293	486	324	17,074	604
24	Gem	1,137	296	208	216	31	335	899	323
25	Owyhee	2,522	369	384	234	40	246	2,098	417
26	Payette	2,302	296	298	197	155	311	1,851	321
27	Washington	1,716	248	330	176	14	140	1,372	279
	Area 3b:								
28	Cassia	5,788	275	1,194	218	44	279	4,550	294
29	Gooding	2,195	245	946	235	80	252	1,169	254
30	Jerome	4,765	226	1,465	201	120	158	3,187	242
31	Lincoln	607	204	101	179	20	320	486	207
32	Minidoka	6,896	277	711	166	35	163	6,146	303
33	Twin Falls	12,329	252	4,239	217	227	174	7,862	279

IDAHO

TONS OF LIME



Map No. A54-409

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Sugar Beets 18,742	*Sugar Beets* 482	*Wheat* 21,205	*Wheat* 155	21,945	399	21,547	190	...	...	...	1
...	...	5	100	38	317	...	...	...	...	...	2
...	...	154	134	...	...	88	157	...	...	...	3
...	...	12	99	...	...	1	250	...	...	...	4
...	...	88	183	22	376	194	162	...	...	...	5
...	...	523	93	2	267	402	101	...	...	...	6
...	...	110	137	105	208	91	186	...	...	...	7
...	...	42	97	1	61	26	102	...	...	...	8
...	...	1	250	...	...	...	...	...	...	...	9
...	...	208	92	2	267	103	97	...	...	...	10
...	...	32	131	39	275	166	295	...	...	...	11
19	950	205	251	24	224	278	222	...	...	...	12
...	...	926	144	...	...	557	111	...	...	...	13
...	...	10	190	30	300	30	262	...	...	...	14
...	...	...	...	2	267	...	...	...	...	...	15
...	...	8	139	38	563	213	162	...	...	...	16
...	...	571	109	...	...	436	114	...	...	...	17
115	575	1,234	121	5	286	561	125	...	...	...	18
...	...	1,953	121	7	130	1,307	108	...	...	...	19
...	...	508	108	...	...	554	94	...	...	...	20
...	...	1,510	106	4	160	947	110	...	...	...	21
327	568	263	397	15	171	946	404	...	...	...	22
5,230	677	1,064	292	6,556	1,134	4,224	381	...	...	...	23
138	480	15	188	378	371	368	263	...	...	...	24
1,049	663	300	260	294	484	455	270	...	...	...	25
390	600	302	233	456	314	703	297	...	...	...	26
532	652	226	109	126	800	488	259	...	...	...	27
2,058	437	862	200	933	370	697	178	...	...	...	28
158	457	382	232	102	355	527	227	...	...	...	29
733	467	671	168	670	363	1,113	193	...	...	...	30
...	...	351	213	62	250	73	162	...	...	...	31
2,408	414	1,634	224	1,583	402	521	161	...	...	...	32
2,357	417	1,900	189	1,459	358	2,146	256	...	...	...	33

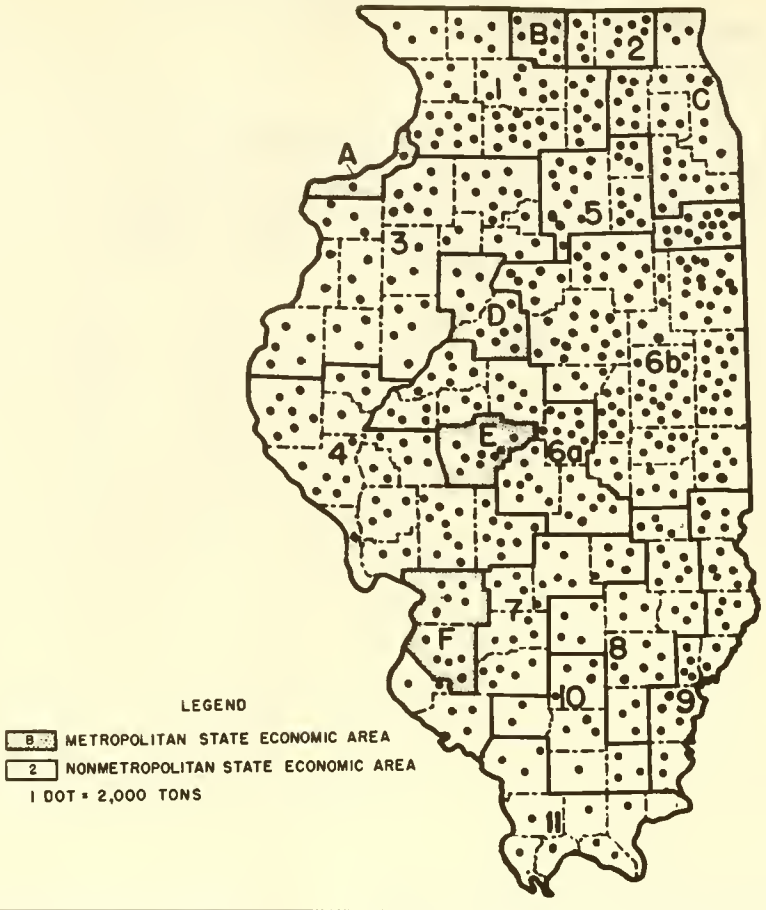
Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Idaho—Continued								
	Area 4:								
1	Bannock	1,145	293	195	266	4	320	946	299
2	Bear Lake	189	210	121	259	...	...	68	156
3	Bingham	9,212	217	2,004	177	218	66	6,943	252
4	Bonneville	5,606	238	1,806	216	170	238	3,630	250
5	Caribou	679	128	84	137	...	...	592	126
6	Franklin	1,233	214	105	156	16	186	1,112	222
7	Fremont	2,329	216	625	248	6	146	1,698	206
8	Jefferson	5,269	232	2,010	207	66	128	3,193	255
9	Madison	2,233	214	739	224	20	200	1,474	210
10	Oneida	414	182	24	136	1	400	391	187
11	Power	672	180	138	144	11	440	522	190
12	Teton	151	209	32	267	...	...	118	196

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Sugar Beets	*Sugar Beets*	*Wheat*	*Wheat*								
503	459	258	174	126	295	59	386	...	...	...	1
...	...	55	146	...	...	13	220	...	...	...	2
1,008	335	1,640	196	3,254	286	1,041	216	...	...	...	3
370	405	760	178	1,994	286	506	217	...	...	...	4
78	310	162	120	162	245	190	78	...	...	...	5
640	312	210	130	60	229	202	185	...	...	...	6
5	167	433	131	1,006	289	254	181	...	...	...	7
260	427	834	202	1,445	303	654	217	...	...	...	8
166	372	438	184	572	215	298	195	...	...	...	9
80	430	88	66	177	1,616	46	97	...	...	...	10
118	331	235	179	121	169	48	129	...	...	...	11
...	...	22	155	75	250	21	131	...	...	...	12

ILLINOIS
TONS OF FERTILIZER



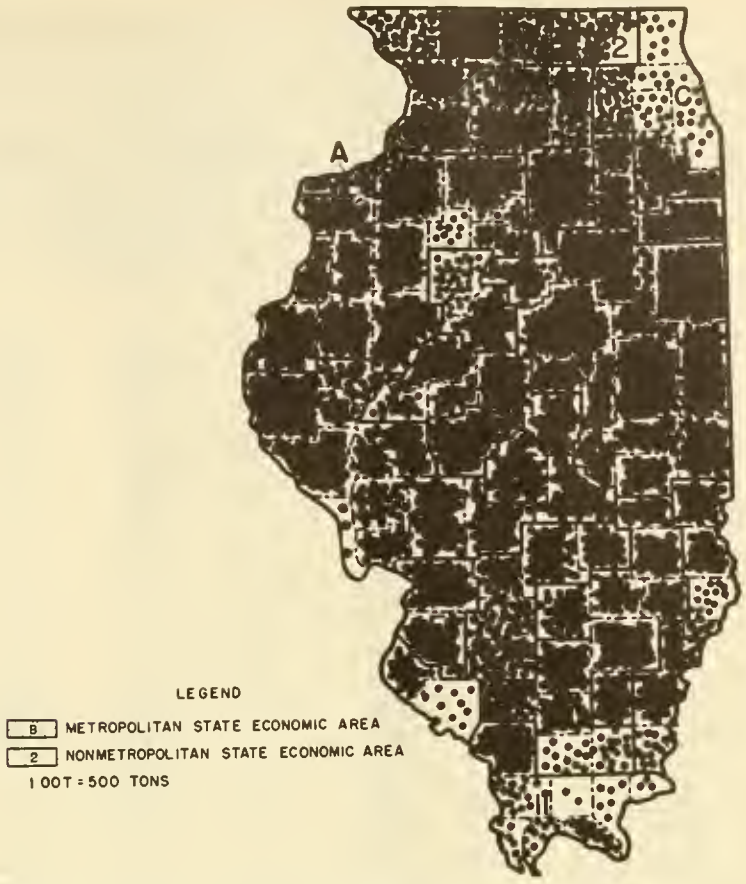
Map No. A54-412

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Illinois, total	1,049,247	265	97,394	470	13,296	382	930,137	250
	Area 1:								
2	Carroll	7,380	217	671	423	76	362	6,498	201
3	De Kalb	18,275	250	2,116	522	150	400	15,765	230
4	Jo Daviess	5,890	236	808	576	204	396	4,762	207
5	Lee	21,975	265	2,283	432	432	982	19,223	247
6	Ogle	15,462	228	1,790	511	254	297	13,358	206
7	Stephenson	9,150	254	2,232	609	26	281	6,731	209
8	Whiteside	17,826	225	1,380	289	156	236	15,986	216
	Metropolitan Area A:								
9	Rock Island	4,694	263	399	481	46	312	4,230	252
	Metropolitan Area B:								
10	Winnebago	11,146	212	1,066	345	130	325	9,900	200
	Area 2:								
11	Boone	8,147	220	1,245	382	8	213	6,894	205
12	McHenry	14,596	235	1,718	306	222	253	12,537	229
	Metropolitan Area C:								
13	Cook	12,304	392	478	433	...	...	11,607	383
14	Du Page	5,532	278	172	316	215	1,062	5,140	264
15	Kane	14,762	241	1,634	360	175	357	12,898	230
16	Lake	5,315	245	515	337	31	388	4,703	235
17	Will	20,329	286	1,467	531	72	497	18,766	277
	Area 3:								
18	Bureau	15,142	255	1,652	414	41	265	13,314	245
19	Fulton	9,811	321	981	665	255	371	8,589	302
20	Hancock	10,217	263	1,156	707	94	616	8,976	242
21	Henderson	4,272	277	562	568	182	520	3,500	246
22	Henry	13,906	280	2,202	652	111	389	11,396	243
23	Knox	5,908	356	1,248	911	142	434	4,528	306
24	McDonough	6,582	337	1,218	812	98	456	5,223	292
25	Marshall	6,192	502	1,574	805	242	913	4,376	430
26	Mercer	8,480	338	1,190	504	377	670	6,864	309
27	Putnam	2,790	392	385	460	39	538	2,315	374
28	Stark	4,278	393	368	513	60	369	3,848	382
29	Warren	5,722	370	1,681	1,044	...	...	3,945	281

ILLINOIS

TONS OF LIME



Map No. A54-413

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 609,595	*Corn* 234	*Wheat* 131,803	*Wheat* 244	18,899	367	169,840	324	1,123,116	4.7	4,475	1
4,595	169	38	507	962	435	903	328	11,115	5.7	4,883	2
11,599	210	98	232	1,204	251	2,864	359	14,280	4.1	4,513	3
3,842	189	...	...	4	533	916	337	8,910	4.7	5,033	4
13,661	226	374	368	826	279	4,362	325	18,153	4.8	5,307	5
9,204	179	94	283	1,892	295	2,168	327	11,900	3.2	5,551	6
5,768	193	10	400	29	270	924	419	15,580	5.6	5,650	7
12,614	212	168	199	54	360	3,150	229	13,370	3.8	5,170	8
3,158	251	55	196	356	488	661	206	5,980	3.8	4,204	9
7,676	188	86	212	164	207	1,974	266	7,580	3.4	5,251	10
5,138	200	38	400	393	255	1,325	209	4,948	3.4	4,789	11
9,165	219	227	321	708	423	2,437	228	8,175	3.2	3,228	12
4,975	274	110	370	3,886	635	2,636	460	9,341	6.3	2,285	13
3,546	238	222	290	204	571	1,168	340	3,100	3.0	3,448	14
8,785	191	405	298	218	656	3,490	413	12,487	5.0	3,317	15
3,152	224	248	288	314	460	989	227	4,040	3.4	2,208	16
14,636	273	721	303	300	455	3,109	280	17,285	4.7	4,543	17
9,428	218	60	242	364	247	3,462	365	16,505	3.9	4,524	18
6,453	294	778	346	18	180	1,340	321	15,360	5.1	3,798	19
5,435	215	2,037	277	12	800	1,492	335	13,670	4.2	5,358	20
2,448	218	286	313	24	192	742	381	5,920	3.8	5,029	21
8,304	216	78	343	20	400	2,994	369	16,185	3.9	4,507	22
2,706	244	152	313	...	...	1,670	523	18,985	6.4	4,819	23
3,597	259	484	461	...	...	1,142	389	15,395	6.0	4,769	24
2,610	382	476	454	12	200	1,278	574	9,065	5.1	4,713	25
4,508	256	30	267	10	444	2,316	518	15,882	6.7	4,321	26
1,417	332	210	424	...	...	688	479	2,708	4.1	4,532	27
2,512	336	2	200	2	800	1,332	516	10,010	6.7	3,271	28
2,598	230	2	267	...	...	1,345	494	10,320	4.1	4,835	29

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

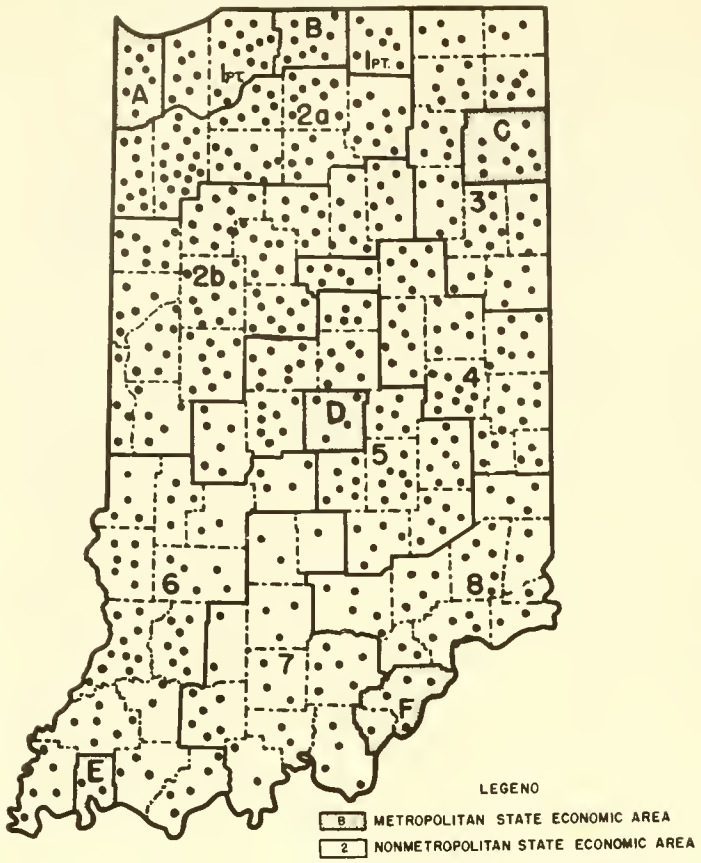
	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity uaed (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Illinois—Continued								
	Area 4:								
1	Adams	14,183	245	1,186	380	127	219	12,842	235
2	Brown	2,776	239	176	300	35	452	2,513	232
3	Calhoun	2,529	251	246	490	70	406	2,170	230
4	Greene	8,862	311	554	318	168	343	8,145	307
5	Jersey	4,744	283	234	342	64	388	4,355	269
6	Macoupin	17,959	245	1,246	444	82	182	16,210	231
7	Montgomery	15,717	226	497	317	138	511	15,027	222
8	Morgan	9,006	230	534	335	80	225	8,380	227
9	Pike	12,674	335	1,170	384	32	344	11,398	329
10	Schuyler	5,266	247	364	334	10	333	4,887	239
11	Scott	4,357	298	447	559	10	200	3,916	285
	Area 5:								
12	Grundy	11,461	319	1,952	609	113	195	9,587	295
13	Kankakee	27,245	269	1,640	319	28	560	25,373	266
14	Kendall	9,148	355	1,061	512	15	273	7,951	335
15	La Salle	23,663	434	4,012	609	290	540	18,930	395
	Area 6a:								
16	Cass	7,002	255	419	292	86	207	6,397	251
17	Christian	16,990	254	712	423	90	178	16,151	251
18	Logan	12,354	369	1,312	543	67	237	10,941	352
19	Macon	15,855	330	644	450	220	512	14,905	320
20	Mason	12,250	277	718	302	596	2,536	10,709	255
21	Menard	5,508	275	162	282	116	481	5,237	272
22	Shelby	14,941	217	538	290	113	207	14,181	212
	Metropolitan Area D:								
23	Peoria	7,732	358	1,066	641	150	259	6,370	328
24	Tazewell	12,552	403	2,383	880	127	400	9,954	360
	Metropolitan Area E:								
25	Sangamon	16,214	299	1,112	448	364	411	14,492	283
	Area 6b:								
26	Champaign	27,204	300	1,355	488	226	457	25,092	290
27	Coles	10,681	261	616	316	107	911	9,784	252
28	De Witt	7,362	320	858	692	315	500	6,221	294
29	Douglas	11,920	253	422	274	34	324	11,405	250
30	Edgar	14,158	229	774	434	105	174	13,307	224
31	Ford	8,990	317	1,368	639	92	836	7,458	289
32	Iroquois	35,009	274	3,394	479	205	458	30,999	260
33	Livingston	23,007	444	5,188	690	354	413	17,117	401
34	McLean	32,305	426	4,707	670	192	413	27,034	393
35	Moultrie	6,744	284	494	328	38	585	6,163	280
36	Piatt	15,439	329	614	447	100	377	14,802	326
37	Vermilion	30,770	290	1,258	331	195	222	29,283	289
38	Woodford	12,350	584	3,504	1,052	396	692	8,463	490
	Area 7:								
39	Bond	6,382	210	416	655	150	476	5,783	197
40	Clinton	7,142	198	269	259	234	509	6,639	189
41	Effingham	9,610	194	510	245	78	289	8,982	188
42	Fayette	11,666	187	240	234	233	360	11,068	185
43	Monroe	3,639	237	382	399	54	568	3,179	223
44	Randolph	6,744	238	708	494	292	605	5,744	217
45	Washington	10,464	201	688	335	112	396	9,617	194
	Metropolitan Area F:								
46	Madison	10,444	209	859	422	214	268	9,296	197
47	St. Clair	10,548	242	749	428	154	323	9,606	234
	Area 8:								
48	Clay	6,110	177	64	235	18	141	5,979	174
49	Cumberland	8,746	243	302	268	195	517	8,154	237
50	Hamilton	6,070	185	395	533	38	390	5,539	172
51	Jasper	11,002	216	402	477	15	1,000	10,449	212
52	Marion	8,760	200	410	213	226	307	7,968	192
53	Richland	6,310	199	280	334	71	568	5,957	194
54	Wayne	11,032	172	654	234	160	282	10,071	166
	Area 9:								
55	Clark	10,694	231	244	211	72	267	10,340	232
56	Crawford	9,269	224	774	317	204	263	8,159	214
57	Edwards	7,046	228	195	247	60	293	6,687	224
58	Gallatin	4,918	198	159	215	25	200	4,773	198
59	Lawrence	7,267	224	72	222	38	214	7,067	223
60	Wabash	4,664	201	142	258	87	308	4,370	195
61	White	7,855	158	246	396	64	305	7,493	155
	Area 10:								
62	Franklin	6,646	233	286	289	88	152	6,200	232
63	Jefferson	8,750	196	322	327	57	275	8,239	188
64	Perry	4,955	202	434	331	14	181	4,424	191
65	Saline	5,964	220	484	395	274	830	5,171	206
66	Williamson	2,948	200	256	311	52	378	2,645	190
	Area 11:								
67	Alexander	1,426	226	195	443	...	...	1,232	209
68	Hardin	749	195	131	409	64	264	553	168
69	Jackson	5,854	315	982	867	69	575	4,754	279
70	Johnson	2,072	222	363	281	169	356	1,507	196
71	Massac	3,331	245	562	363	315	168	2,456	240
72	Pope	2,158	245	682	299	...	...	1,454	221
73	Pulaski	2,262	340	54	354	8	457	2,196	342
74	Union	2,740	269	355	448	4	160	2,365	249

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Wheat*	*Wheat*								
7,311	232	3,238	229	161	418	2,132	250	15,810	4.9	3,974	1
1,662	216	479	263	8	213	364	285	3,310	3.5	4,997	2
1,374	221	278	232	262	257	256	263	1,985	2.8	5,668	3
6,213	302	1,189	284	128	1,766	615	368	6,960	3.3	4,774	4
2,522	247	1,038	299	20	96	775	338	6,685	5.1	5,328	5
10,308	222	4,448	246	50	317	1,404	257	15,335	4.4	4,379	6
9,026	210	4,280	236	29	200	1,692	260	14,955	4.8	4,858	7
5,582	226	2,142	220	...	...	656	257	12,935	5.2	4,687	8
8,068	316	1,394	406	206	321	1,730	349	20,635	6.4	4,799	9
3,490	238	990	237	...	...	407	250	7,279	5.1	3,414	10
2,492	262	720	252	...	...	704	517	6,450	6.1	3,696	11
6,716	287	32	139	105	1,355	2,734	312	11,491	5.7	4,144	12
17,155	259	1,172	330	490	543	6,556	264	16,171	4.7	4,287	13
6,314	336	83	310	116	786	1,438	317	9,215	5.4	4,560	14
12,452	375	178	306	702	248	5,598	497	27,135	4.7	3,922	15
3,790	247	1,642	259	...	...	965	256	5,502	3.5	3,803	16
9,573	241	4,806	250	2	67	1,770	334	16,100	4.4	4,432	17
6,658	303	1,891	414	...	...	2,392	532	22,533	6.7	4,318	18
9,512	293	2,386	312	13	118	2,994	477	13,135	4.4	3,950	19
6,874	256	2,995	234	...	...	840	352	14,793	6.3	4,696	20
3,610	268	952	297	2	800	673	261	6,765	4.5	4,201	21
9,579	207	3,186	213	15	600	1,401	255	16,600	4.8	4,041	22
3,934	295	680	322	157	452	1,599	442	8,870	3.8	4,424	23
6,296	309	1,280	375	372	632	2,006	613	17,150	5.7	3,735	24
8,492	250	3,615	315	20	348	2,365	418	25,308	6.2	4,775	25
16,224	270	4,230	328	16	337	4,622	338	32,335	5.9	3,836	26
6,035	240	2,304	259	60	253	1,385	300	10,110	4.1	4,259	27
4,178	271	312	247	10	143	1,721	390	12,995	6.5	3,708	28
7,777	240	2,416	291	18	600	1,194	252	12,210	5.3	4,242	29
8,956	215	1,921	240	106	508	2,324	240	16,075	5.4	4,061	30
5,297	267	90	537	230	274	1,841	368	12,805	4.8	4,147	31
21,310	244	1,345	283	172	346	8,172	306	18,290	3.1	4,128	32
10,533	362	52	208	115	754	6,417	486	29,325	5.0	4,335	33
17,188	351	458	519	26	547	9,362	493	39,655	6.2	4,006	34
3,634	278	1,919	281	...	...	610	293	8,915	4.9	4,749	35
9,820	311	2,008	319	...	...	2,974	392	14,550	6.0	4,084	36
19,382	273	5,512	334	342	274	4,047	323	18,630	4.3	3,717	37
5,019	388	187	367	190	571	3,067	878	11,805	4.6	4,292	38
3,609	186	1,624	219	64	985	486	197	4,801	3.1	4,930	39
3,952	183	2,165	181	70	609	452	297	5,715	2.7	4,819	40
5,108	191	2,370	197	52	378	1,452	165	12,585	6.6	5,329	41
6,911	184	2,758	218	29	163	1,370	148	10,630	4.0	5,372	42
1,468	213	1,128	204	80	865	503	290	6,295	4.1	5,110	43
2,826	214	1,996	187	94	225	828	382	6,432	3.0	5,173	44
3,476	194	4,603	179	148	493	1,390	247	7,556	3.2	5,306	45
4,999	184	3,321	205	138	307	838	240	13,995	5.1	5,084	46
4,507	228	3,539	221	152	403	1,408	287	12,893	5.0	4,608	47
3,917	161	1,408	222	24	160	630	178	5,095	2.8	6,359	48
4,566	217	2,306	293	12	436	1,270	231	6,565	4.3	5,666	49
4,008	164	1,302	199	...	...	229	178	8,296	5.0	4,699	50
6,057	200	2,520	239	10	444	1,862	222	13,074	5.7	5,372	51
4,610	175	2,018	200	282	315	1,058	254	7,850	3.8	5,064	52
3,985	192	1,390	202	6	92	576	194	7,955	5.2	5,432	53
7,400	156	1,494	209	...	...	1,177	195	12,090	4.2	5,070	54
6,512	232	2,422	233	...	...	1,406	227	10,723	5.1	4,685	55
4,816	192	1,839	231	1	400	1,503	297	7,787	4.4	4,126	56
4,402	216	1,692	236	6	104	587	259	5,175	4.7	5,780	57
3,385	187	726	207	20	296	642	269	2,590	2.2	4,502	58
4,510	213	2,196	248	13	245	348	224	3,455	2.4	3,664	59
2,844	196	1,082	181	17	400	427	216	2,669	2.7	4,268	60
5,426	149	1,581	156	32	346	454	252	8,800	3.8	4,565	61
3,648	224	1,914	251	40	593	598	218	5,443	4.0	5,453	62
5,342	179	2,149	209	88	329	660	192	14,515	7.0	4,955	63
2,480	185	1,615	197	25	333	304	210	5,206	3.4	6,647	64
3,646	204	999	212	12	2,400	514	198	3,502	2.7	4,507	65
2,085	187	314	195	30	179	216	218	2,557	2.4	4,936	66
940	200	130	215	70	452	92	215	925	1.6	5,211	67
530	167	12	178	9	450	2	114	590	1.3	4,407	68
2,597	244	860	254	408	320	889	512	15,530	9.3	4,426	69
1,128	191	68	231	226	198	85	250	470	0.4	4,591	70
1,836	231	330	301	82	140	208	340	6,986	8.6	2,452	71
1,020	197	220	275	2	800	212	346	1,255	1.6	4,947	72
1,783	366	142	173	9	200	262	380	2,600	3.6	3,658	73
1,380	223	233	210	529	423	223	230	3,455	3.4	4,773	74

INDIANA

TONS OF FERTILIZER



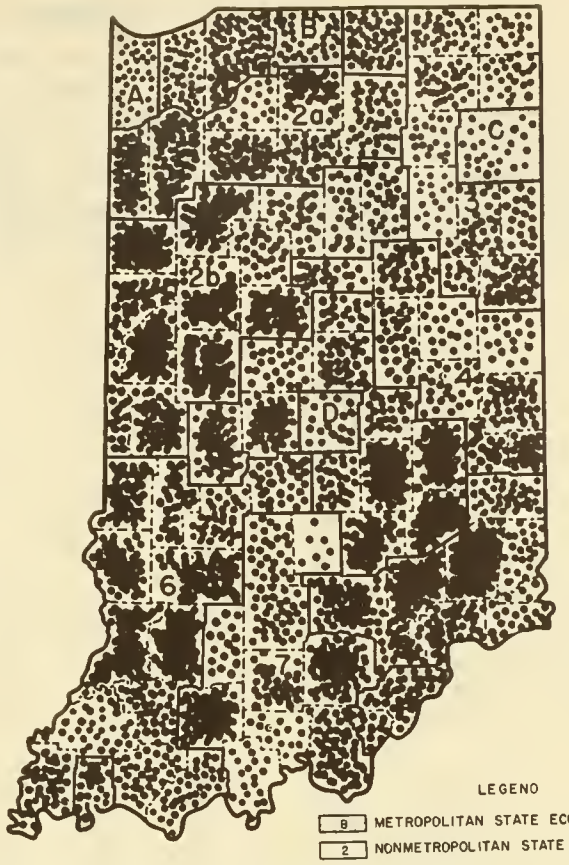
Map No. A54-410

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Indiana, total	1,043,404	259	65,920	274	10,477	267	958,757	257
	Area 1:								
2	Elkhart	13,098	245	1,396	275	124	243	11,357	241
3	La Porte	24,202	276	2,038	228	46	256	22,069	279
4	Porter	14,465	264	843	312	18	267	13,328	261
	Metropolitan Area A:								
5	Lake	15,480	309	736	289	94	291	14,588	313
	Metropolitan Area B:								
6	St. Joseph	16,020	300	586	232	66	261	15,379	302
	Area 2a:								
7	Fulton	12,910	234	891	238	90	313	11,932	238
8	Jasper	31,702	310	1,157	326	252	258	30,790	317
9	Kosciusko	18,664	242	948	231	44	139	17,647	248
10	Marshall	16,688	270	1,160	231	80	181	15,254	275
11	Newton	18,102	277	776	189	242	321	17,090	283
12	Pulaski	18,511	265	939	271	116	270	17,194	264
13	Starke	14,408	340	475	358	64	366	13,778	342
	Area 2b:								
14	Benton	16,818	258	624	341	224	238	15,795	257
15	Carroll	13,901	220	487	271	30	308	13,306	219
16	Cass	13,410	219	496	292	56	191	12,826	221
17	Clinton	18,592	253	730	249	134	265	17,459	252
18	Fountain	13,101	265	905	347	52	210	11,953	261
19	Miami	13,318	258	828	246	40	105	12,210	254
	Montgomery	18,472	242	584	245	256	320	17,604	242
21	Parke	9,318	254	548	301	116	265	8,629	253
22	Tippecanoe	17,392	256	911	259	314	251	16,093	259
23	Vermillion	7,179	268	291	274	74	267	6,796	265
24	Wabash	14,412	243	1,120	241	78	246	12,998	237
25	Warren	10,836	247	624	276	63	311	10,087	245
26	White	19,960	230	1,014	400	170	332	18,640	227

INDIANA

TONS OF LIME



Map No. A54-411

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 586,306	*Corn* 263	*Wheat* 157,623	*Wheat* 267	20,788	515	194,040	221	888,240	6.4	3,963	1
6,182	251	2,371	241	27	514	2,777	219	10,830	5.5	4,804	2
13,261	294	4,164	272	694	536	3,950	226	16,086	6.3	4,735	3
7,845	277	2,590	276	302	327	2,591	208	10,500	6.2	4,670	4
8,770	312	1,792	364	1,048	812	2,978	240	9,455	5.7	3,758	5
8,441	300	2,706	258	1,072	1,125	3,160	281	9,955	5.8	3,717	6
7,970	248	1,530	267	204	373	2,228	192	7,437	4.2	4,737	7
19,990	361	2,598	343	1,823	871	6,379	199	16,953	6.8	4,540	8
11,042	256	2,847	263	188	375	3,570	213	10,778	4.5	4,183	9
9,925	299	2,048	261	138	511	3,143	221	9,125	4.5	4,629	10
11,242	306	1,423	333	135	362	4,290	226	14,018	7.5	4,194	11
10,132	291	2,380	312	62	517	4,620	204	12,990	6.8	4,422	12
7,826	340	1,422	287	822	1,567	3,708	314	4,940	3.9	3,919	13
11,760	264	1,621	305	74	214	2,340	209	14,410	6.4	4,230	14
8,656	231	1,882	228	6	600	2,762	186	14,500	7.9	3,859	15
7,676	222	1,634	234	680	637	2,836	183	9,660	5.1	3,833	16
10,995	278	2,546	259	270	679	3,648	186	15,030	7.0	3,422	17
7,641	273	2,464	278	96	229	1,752	206	16,747	9.6	3,152	18
7,160	259	1,774	279	344	401	2,932	223	5,700	3.4	3,953	19
11,204	255	2,502	264	54	327	3,844	199	22,435	9.6	2,982	20
5,478	267	1,548	264	80	464	1,523	201	10,202	7.3	4,419	21
10,748	267	2,801	283	52	473	2,492	211	14,944	6.4	3,687	22
4,558	284	1,156	248	92	417	990	210	6,470	6.9	3,212	23
7,476	249	2,232	259	128	322	3,162	200	8,240	4.5	3,803	24
6,675	246	1,791	280	118	372	1,503	206	10,550	6.3	3,391	25
12,288	240	2,118	275	94	183	4,140	181	14,810	5.8	4,072	26

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Indiana—Continued								
	Area 3:								
1	Adams	10,800	254	1,032	303	70	267	9,678	249
2	Blackford	4,724	221	352	243	12	218	4,339	217
3	De Kalb	12,737	255	934	265	68	234	11,595	256
4	Huntington	12,641	232	1,034	265	172	355	11,322	227
5	Jay	10,964	244	795	268	201	320	9,950	238
6	Lagrange	8,616	202	989	231	124	172	7,449	200
7	Noble	12,354	245	1,096	268	204	299	10,905	241
8	Steuben	6,848	228	440	255	26	242	6,376	228
9	Wells	12,918	238	1,244	295	82	220	11,488	228
10	Whitley	10,964	248	830	255	165	310	9,977	247
	Metropolitan Area C:								
11	Allen	18,413	247	1,176	283	55	210	16,932	243
	Area 4:								
12	Delaware	12,870	251	762	245	76	317	11,824	249
13	Fayette	6,646	256	238	361	41	491	6,323	252
14	Grant	13,860	246	1,160	285	133	265	12,306	240
15	Henry	15,768	243	743	205	70	248	14,606	238
16	Howard	11,218	244	747	270	82	233	10,253	239
17	Madison	13,446	212	307	173	43	151	12,826	212
18	Randolph	15,436	240	1,075	302	92	208	14,008	233
19	Union	6,368	266	281	359	153	356	5,894	248
20	Wayne	14,044	272	908	276	174	254	12,933	269
	Area 5:								
21	Bartholomew	10,398	241	608	307	64	346	9,708	235
22	Boone	15,083	247	605	318	15	207	14,242	245
23	Decatur	12,824	262	530	324	83	263	12,022	255
24	Hamilton	13,840	234	906	256	102	204	12,610	233
25	Hancock	9,626	253	308	248	40	163	9,211	251
26	Hendricks	14,730	270	502	217	80	222	14,095	267
27	Johnson	11,488	260	820	255	95	186	10,536	256
28	Putnam	12,386	265	832	268	186	243	11,256	263
29	Rush	16,722	235	510	280	10	200	16,098	239
30	Shelby	13,498	223	512	253	39	203	12,765	221
31	Tipton	10,970	260	386	285	40	291	10,459	262
	Metropolitan Area D:								
32	Marion	8,280	252	604	260	33	357	7,520	248
	Area 6:								
33	Clay	7,318	242	352	300	84	267	6,940	237
34	Daviess	14,940	300	898	310	411	316	13,387	297
35	Gibson	12,915	246	1,034	284	78	221	11,779	244
36	Greene	9,713	259	602	200	186	278	8,752	258
37	Knox	19,066	274	1,172	265	334	365	17,397	270
38	Morgan	8,348	263	620	272	124	354	7,468	258
39	Owen	4,760	264	602	285	50	220	4,049	255
40	Pike	4,868	260	237	264	56	291	4,503	254
41	Posey	9,441	212	388	272	82	349	8,896	211
42	Spencer	9,757	275	919	292	228	319	8,574	269
43	Sullivan	12,674	264	638	358	100	333	11,778	255
44	Vigo	8,338	275	440	303	71	309	7,681	274
45	Warrick	6,509	249	346	242	106	466	5,941	239
	Metropolitan Area E:								
46	Vanderburgh	3,736	236	374	320	82	196	3,270	226
	Area 7:								
47	Brown	1,192	270	150	222	78	446	956	268
48	Crawford	3,490	308	416	254	71	245	3,008	319
49	Dubois	11,714	288	1,105	300	84	339	10,454	287
50	Harrison	8,140	303	864	300	202	248	6,975	308
51	Lawrence	6,267	266	1,008	290	305	269	4,845	259
52	Martin	3,281	273	370	294	82	298	2,833	267
53	Monroe	4,234	288	848	338	172	319	3,213	276
54	Orange	6,374	297	1,290	305	186	307	4,870	292
55	Perry	4,316	284	480	277	201	227	3,620	284
56	Washington	12,630	323	1,428	303	226	310	10,979	323
	Area 8:								
57	Dearborn	3,698	300	318	400	46	288	3,304	292
58	Franklin	8,078	254	584	256	146	122	7,354	254
59	Jackson	10,612	285	892	427	145	243	9,414	270
60	Jefferson	7,506	365	512	363	170	342	6,747	361
61	Jennings	7,016	269	206	198	102	253	6,685	271
62	Ohio	1,476	405	152	259	...	...	1,299	418
63	Ripley	11,206	316	632	268	230	364	10,334	312
64	Scott	3,508	269	270	274	55	202	3,160	263
65	Switzerland	3,911	470	332	358	104	416	3,443	484
	Metropolitan Area F:								
66	Clark	7,333	297	718	316	131	301	6,401	287
67	Floyd	2,600	332	350	299	76	145	2,140	356

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Wheat*	*Wheat*								
5,255	241	1,824	271	451	540	2,148	229	6,490	3.9	2,877	1
2,358	231	614	274	39	624	1,328	177	5,685	7.2	2,044	2
6,735	269	2,294	260	152	524	2,414	215	7,835	4.7	3,146	3
5,854	229	1,696	257	246	424	3,526	206	5,145	2.9	3,683	4
5,341	240	1,441	264	204	486	2,964	217	10,260	5.6	3,504	5
3,882	195	1,721	222	40	124	1,806	193	12,854	7.9	2,871	6
6,372	240	1,753	238	290	462	2,490	234	8,955	5.0	4,168	7
3,542	223	1,300	242	164	886	1,370	212	4,305	3.6	4,444	8
6,177	234	1,837	292	404	577	3,070	182	9,485	5.1	3,232	9
5,680	253	1,558	256	329	696	2,410	212	6,095	4.2	3,262	10
8,646	238	3,640	247	1,138	1,279	3,508	197	11,015	4.0	2,330	11
6,550	258	1,498	266	480	458	3,296	213	6,017	3.4	3,109	12
3,796	248	1,508	279	15	122	1,004	235	5,197	6.2	3,918	13
7,106	251	1,794	246	174	435	3,232	212	10,400	5.5	3,082	14
8,824	258	1,947	252	340	499	3,495	187	6,050	3.3	3,906	15
5,806	249	1,761	255	440	530	2,246	190	5,130	3.5	4,019	16
6,907	222	1,886	246	294	449	3,739	178	7,390	3.7	4,066	17
8,103	248	1,815	252	118	246	3,972	203	4,405	2.0	4,343	18
3,732	273	1,428	266	10	500	724	204	6,055	8.5	4,679	19
7,918	266	2,386	305	37	1,138	2,592	248	9,260	5.5	4,051	20
5,836	238	2,298	233	384	361	1,190	204	11,365	7.5	4,096	21
9,288	261	1,341	260	166	632	3,447	201	7,535	3.6	3,415	22
7,482	261	3,320	257	30	171	1,190	221	19,795	11.5	4,020	23
7,680	239	1,722	268	116	516	3,092	203	9,315	5.2	3,969	24
5,589	262	1,302	291	230	411	2,090	204	6,440	4.3	3,528	25
8,606	282	1,355	271	380	707	3,754	224	13,235	7.1	3,680	26
5,933	256	1,837	242	448	601	2,318	241	8,320	6.2	3,569	27
7,272	273	1,352	255	100	333	2,532	243	14,495	8.8	3,954	28
10,042	234	3,570	256	228	509	2,258	223	14,875	7.2	3,566	29
7,969	225	2,016	202	259	278	2,521	219	19,991	10.1	3,017	30
5,912	283	1,465	281	65	274	3,017	222	5,395	4.1	3,513	31
3,904	263	980	248	508	478	2,128	203	5,270	5.2	3,478	32
4,197	250	1,744	261	48	270	951	168	11,615	9.3	3,928	33
8,962	297	3,058	313	63	335	1,304	265	16,965	9.5	3,946	34
8,139	247	2,264	243	300	357	1,076	207	7,385	3.4	4,406	35
6,364	259	1,228	254	12	320	1,148	252	14,705	9.5	3,508	36
11,882	268	3,604	255	903	371	1,008	285	20,183	8.3	4,145	37
4,806	280	1,020	274	30	113	1,612	206	7,818	6.6	3,872	38
2,782	268	500	280	...	...	767	208	9,905	11.3	3,588	39
3,158	260	925	260	6	400	414	203	7,497	8.9	4,839	40
5,601	200	2,544	225	35	226	716	262	8,440	4.6	4,304	41
5,646	273	1,710	269	27	205	1,191	255	7,560	4.9	4,316	42
8,110	258	2,376	249	86	277	1,206	249	13,629	7.9	3,870	43
5,085	265	1,552	282	136	680	908	284	13,333	9.4	3,571	44
3,872	244	1,118	241	13	274	938	217	7,560	6.5	4,561	45
1,754	221	1,005	244	20	444	491	208	4,355	5.3	5,038	46
736	245	35	341	11	733	174	391	3,450	14.1	2,072	47
2,166	322	366	319	34	535	442	297	2,720	4.8	5,360	48
5,888	285	2,190	284	44	629	2,332	292	13,550	8.9	5,125	49
3,838	308	957	290	102	664	2,078	307	10,585	7.8	4,523	50
3,477	253	497	304	76	290	795	261	9,840	10.0	3,624	51
2,128	262	367	333	8	200	330	241	3,260	6.6	4,537	52
2,222	282	188	307	39	168	764	263	6,258	10.5	4,137	53
3,218	286	562	325	20	250	1,070	295	7,419	7.8	4,535	54
2,174	272	780	306	22	303	644	306	3,405	5.1	5,228	55
6,574	307	1,860	341	173	469	2,372	348	13,752	8.5	4,874	56
1,943	274	861	293	30	300	470	392	5,110	7.0	4,460	57
4,509	248	1,824	240	85	540	936	314	9,440	7.7	3,829	58
5,586	257	2,082	286	358	312	1,388	297	12,730	7.8	4,049	59
3,578	303	1,194	294	297	855	1,678	685	9,375	10.2	4,822	60
4,236	272	1,250	266	181	350	1,018	260	11,051	10.0	5,077	61
690	331	216	362	2	44	391	1,043	780	3.9	4,846	62
5,962	312	2,900	306	105	488	1,367	316	15,995	11.8	5,305	63
1,804	250	592	265	212	404	552	274	4,250	7.9	5,040	64
1,389	338	418	289	66	383	1,570	1,140	3,240	7.0	5,352	65
3,658	266	1,291	314	134	510	1,318	313	6,521	5.9	5,562	66
1,134	350	346	353	228	449	432	335	3,735	11.3	3,805	67

IOWA

TONS OF FERTILIZER

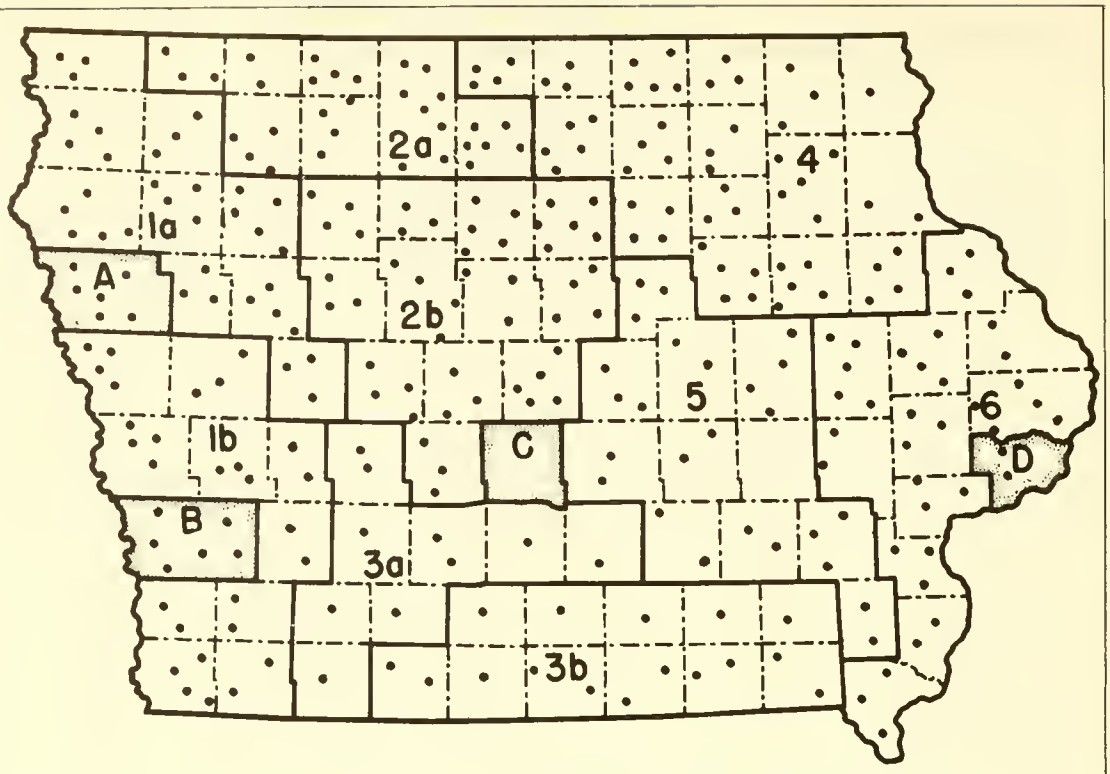
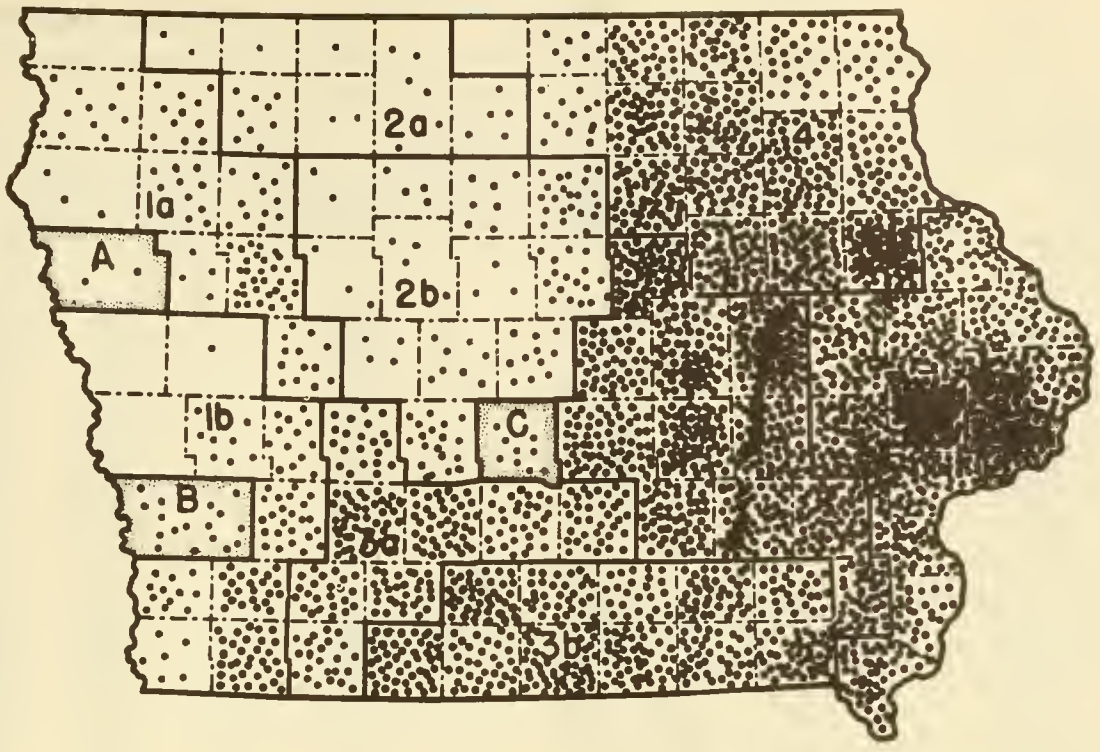


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Iowa, total	614,810	175	50,242	215	5,761	184	555,649	170
	Area 1a:								
2	Buena Vista	10,696	223	1,847	288	35	275	8,689	210
3	Carroll	6,452	147	393	114	63	103	5,984	151
4	Cherokee	7,840	201	420	239	46	124	7,386	200
5	Ida	7,098	202	584	280	92	204	6,370	193
6	Lyon	5,143	176	607	211	36	178	4,467	169
7	O'Brien	6,764	174	520	202	58	198	6,157	170
8	Plymouth	9,632	162	751	183	160	162	8,787	159
9	Sac	7,552	177	1,000	304	28	94	6,464	166
10	Sioux	8,762	183	470	170	68	227	8,201	180
	Area 1b:								
11	Audubon	3,388	152	136	138	28	93	3,214	150
12	Cass	3,623	141	145	154	79	165	3,358	140
13	Crawford	5,408	162	266	170	78	185	5,095	164
14	Fremont	7,884	158	326	150	52	152	7,487	158
15	Harrison	8,183	149	607	159	206	167	7,381	148
16	Mills	4,434	151	184	137	23	128	4,208	150
17	Monona	8,742	176	762	228	81	179	7,814	169
18	Montgomery	3,000	136	89	117	42	127	2,859	138
19	Page	4,618	170	328	159	84	145	4,138	167
20	Shelby	6,034	146	93	133	68	135	5,832	145
	Metropolitan Area A:								
21	Woodbury	12,332	185	1,192	208	337	196	10,649	181
	Metropolitan Area B:								
22	Pottawattamie	11,212	154	810	185	152	162	10,116	149
	Area 2a:								
23	Clay	8,680	208	1,221	248	68	227	7,335	200
24	Dickinson	4,678	167	1,056	248	42	156	3,545	152
25	Emmet	7,925	183	1,622	237	85	175	6,174	172
26	Hancock	11,028	167	1,176	199	124	192	9,747	163
27	Kossuth	16,662	160	3,429	203	201	127	12,922	154
28	Osceola	6,680	221	1,203	280	28	243	5,465	213
29	Palo Alto	8,600	165	1,368	234	84	150	7,156	155

Z 0.05 percent or less.



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 405,735	Corn 168	Wheat 3,730	Wheat 163	1,950	313	144,234	176	728,745	2.8	4,228	1
5,346	196	5	400	...	...	3,338	239	3,650	1.2	3,318	2
3,710	162	...	...	...	...	2,274	135	3,930	1.3	3,399	3
4,750	224	82	386	2	800	2,552	165	3,720	1.3	2,788	4
4,002	199	20	123	...	...	2,348	183	1,505	0.7	2,764	5
2,796	183	71	135	...	...	1,600	150	180	0.1	1,444	6
3,538	166	45	165	...	...	2,574	177	3,275	1.1	3,310	7
4,940	171	23	108	...	...	3,824	146	1,250	0.3	2,168	8
4,148	171	14	156	19	146	2,283	158	8,790	2.8	3,511	9
5,030	190	22	122	...	...	3,149	167	4,745	1.2	2,223	10
2,314	147	...	...	8	229	892	158	4,436	1.8	3,243	11
2,528	147	7	133	...	...	823	120	7,360	2.6	3,256	12
3,643	181	4	138	...	...	1,448	134	395	0.1	3,722	13
6,654	160	316	119	11	107	506	160	1,859	0.7	3,389	14
5,538	156	362	105	1	57	1,480	135	155	(Z)	2,387	15
3,652	156	104	128	16	427	436	117	3,025	1.4	3,828	16
5,633	173	142	114	...	...	2,039	165	110	(Z)	545	17
2,320	137	45	132	...	...	494	140	5,875	2.8	3,758	18
3,286	167	26	151	10	333	816	165	8,645	3.3	3,769	19
4,427	152	41	115	...	...	1,364	127	3,055	1.0	2,664	20
7,060	184	65	138	10	129	3,514	175	775	0.2	2,439	21
8,003	155	65	102	22	268	2,026	131	4,560	0.9	3,684	22
5,128	198	15	162	...	...	2,192	205	3,400	1.1	2,515	23
2,726	144	...	...	1	400	818	185	655	0.3	2,198	24
4,339	166	...	...	6	92	1,829	189	396	0.2	2,551	25
7,201	154	5	400	48	310	2,493	191	1,910	0.6	2,733	26
9,278	150	68	252	30	200	3,546	164	2,010	0.4	2,736	27
3,840	204	...	...	...	...	1,625	240	705	0.3	2,950	28
5,216	155	...	...	...	...	1,940	154	1,030	0.3	1,359	29

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Iowa—Continued								
	Area 2b:								
1	Boone	6,809	175	463	172	12	267	6,331	175
2	Calhoun	6,000	165	769	199	26	151	5,206	162
3	Dallas	5,982	187	338	173	18	118	5,534	185
4	Franklin	11,202	160	508	160	48	101	10,429	156
5	Greene	8,904	194	322	198	61	153	8,515	193
6	Hamilton	6,780	185	546	185	34	283	6,107	184
7	Hardin	7,288	173	629	209	28	215	6,496	164
8	Humboldt	6,702	174	657	216	5	200	6,024	170
9	Pocahontas	8,590	170	983	202	183	232	7,383	164
10	Story	10,808	194	950	216	55	119	9,744	191
11	Webster	7,830	172	719	214	40	195	7,040	167
12	Wright	9,139	154	1,187	207	22	160	7,867	146
	Metropolitan Area C:								
13	Polk	5,980	191	236	198	42	181	5,617	188
	Area 3a:								
14	Adair	2,718	168	202	158	53	155	2,479	170
15	Adams	1,870	177	102	163	90	198	1,686	176
16	Guthrie	3,797	177	368	202	32	203	3,420	174
17	Madison	3,119	210	272	234	16	221	2,803	204
18	Marion	2,730	194	401	275	86	310	2,241	182
19	Taylor	2,509	185	300	271	64	492	2,183	176
20	Union	2,258	193	425	306	38	183	1,823	180
21	Warren	2,648	185	246	235	42	202	2,315	176
	Area 3b:								
22	Appanoose	3,416	216	400	236	32	168	2,947	208
23	Clarke	1,776	167	205	200	24	185	1,528	161
24	Davis	3,216	164	294	233	38	249	2,886	156
25	Decatur	2,124	195	246	215	71	285	1,777	187
26	Jefferson	2,988	222	325	223	62	205	2,543	216
27	Lucas	2,437	202	452	327	151	405	1,838	176
28	Monroe	1,742	235	422	354	74	282	1,246	208
29	Ringgold	3,209	209	307	258	38	217	2,872	205
30	Van Buren	3,556	211	460	250	42	213	3,039	203
31	Wapello	2,534	213	140	147	48	189	2,344	215
32	Wayne	3,857	191	365	230	216	368	3,266	184
	Area 4:								
33	Allamakee	2,872	136	106	139	22	176	2,714	134
34	Black Hawk	9,217	182	494	190	16	168	8,731	179
35	Bremer	6,925	167	496	279	20	145	6,393	161
36	Buchanan	9,502	161	416	215	12	267	9,088	159
37	Butler	8,408	156	408	128	8	320	7,930	154
38	Cerro Gordo	9,774	172	589	225	2	89	9,063	167
39	Chickasaw	6,684	144	132	185	...	...	6,548	142
40	Clayton	4,849	152	128	243	20	190	4,700	150
41	Delaware	7,772	148	478	231	48	295	7,219	140
42	Fayette	10,031	161	464	210	10	121	9,449	156
43	Floyd	7,944	162	274	218	78	335	7,513	158
44	Howard	5,982	143	243	302	39	138	5,624	138
45	Mitchell	9,120	160	136	162	37	168	8,982	159
46	Winnebago	7,407	171	626	189	20	200	6,686	164
47	Winneshiek	5,112	145	160	166	60	72	4,842	145
48	Worth	6,511	154	520	263	46	153	5,851	145
	Area 5:								
49	Benton	8,710	173	620	221	56	166	8,019	169
50	Grundy	5,187	173	380	231	...	...	4,832	169
51	Henry	4,188	233	531	313	15	750	3,612	222
52	Iowa	4,210	220	598	320	44	374	3,574	207
53	Jasper	4,724	193	231	234	114	724	4,318	185
54	Keokuk	4,142	216	236	221	52	110	3,797	212
55	Mahaska	3,538	177	115	172	33	155	3,404	181
56	Marshall	5,476	181	162	161	6	171	5,277	180
57	Poweshiek	3,870	187	179	188	18	164	3,685	190
58	Tama	4,720	175	276	218	94	161	4,297	171
59	Washington	5,277	217	269	239	30	188	4,965	216
	Area 6:								
60	Cedar	6,258	198	353	237	110	500	5,716	192
61	Clinton	10,871	189	264	213	30	182	10,563	188
62	Des Moines	4,979	205	148	211	93	138	4,789	207
63	Dubuque	5,398	153	200	185	46	144	5,093	151
64	Jackson	4,229	162	209	180	20	296	3,975	158
65	Johnson	4,762	224	320	186	62	214	4,382	224
66	Jones	7,518	179	448	226	37	247	6,923	173
67	Lee	6,499	218	450	267	66	275	5,887	210
68	Linn	9,442	163	833	218	68	159	8,537	156
69	Louisa	5,274	228	216	237	20	129	5,007	230
70	Muscatine	5,318	226	288	211	48	160	5,015	231
	Metropolitan Area D:								
71	Scott	4,542	199	402	296	22	180	4,120	191

Z 0.05 or less.

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Wheat*	*Wheat*								
3,783	181	20	174	10	313	2,518	166	2,525	0.9	3,026	1
3,160	161	18	212	2	160	2,026	163	1,035	0.3	3,053	2
3,904	193	5	200	...	...	1,625	168	5,030	1.8	3,483	3
7,841	156	5	80	55	155	2,528	158	5,095	1.6	4,236	4
5,211	205	158	186	...	...	3,146	177	935	0.3	4,214	5
3,968	181	...	...	...	...	2,139	190	1,105	0.4	2,851	6
4,486	164	...	...	12	282	1,998	166	5,010	1.8	3,303	7
4,360	173	...	...	...	...	1,664	165	1,315	0.5	3,331	8
4,947	158	...	...	40	390	2,396	175	640	0.2	3,234	9
6,596	194	...	...	90	288	3,058	184	3,545	1.2	3,072	10
4,998	168	...	...	...	...	2,042	166	2,275	0.6	1,908	11
5,913	139	...	...	40	246	1,914	172	1,760	0.6	3,778	12
4,043	194	20	167	46	144	1,508	175	3,690	1.5	2,425	13
1,749	183	10	160	...	...	720	144	12,314	4.8	3,386	14
1,110	164	64	441	...	...	512	192	6,320	3.9	3,671	15
2,116	173	8	110	2	400	1,294	176	7,105	2.8	2,988	16
1,940	203	30	152	25	833	808	204	10,710	5.4	3,719	17
1,693	178	12	87	...	...	536	201	9,835	4.6	3,564	18
1,504	185	62	218	1	400	616	156	5,996	2.9	3,824	19
1,051	170	30	293	...	...	742	195	8,360	5.5	3,508	20
1,663	173	15	171	...	...	637	183	8,205	3.7	3,753	21
2,124	204	18	131	1	400	804	223	10,410	5.5	4,415	22
1,012	158	30	94	...	...	486	173	9,630	6.8	4,051	23
1,659	140	82	225	1	400	1,144	183	7,945	4.6	4,671	24
1,184	185	12	192	...	...	581	190	10,622	6.3	3,182	25
1,780	219	21	233	2	800	740	210	6,250	3.7	4,507	26
1,117	181	12	160	1	133	708	169	9,587	6.6	3,135	27
886	216	...	...	...	...	360	190	8,747	6.3	2,784	28
1,730	217	103	224	1	400	1,038	185	12,888	6.2	3,595	29
1,962	196	203	234	18	240	856	210	10,335	7.2	4,515	30
1,564	207	8	97	20	182	752	238	9,813	6.6	3,900	31
2,350	191	...	...	...	...	916	168	10,030	4.8	4,832	32
2,400	132	14	175	...	...	300	156	4,855	2.6	4,457	33
6,513	167	2	267	28	105	2,188	231	11,505	4.2	5,136	34
5,497	156	...	...	4	100	892	198	7,000	3.4	5,569	35
7,566	157	11	152	14	326	1,497	167	12,095	4.4	5,081	36
6,679	152	...	...	...	...	1,251	164	11,320	4.0	4,910	37
7,866	163	51	142	28	303	1,118	198	2,745	0.9	4,084	38
5,874	139	...	...	...	...	674	173	8,425	3.6	5,220	39
4,002	149	20	174	...	...	678	159	8,400	2.9	5,223	40
5,877	132	10	182	18	600	1,314	188	14,965	5.4	5,385	41
8,075	155	15	105	3	109	1,356	164	13,225	4.0	4,641	42
6,062	155	14	112	33	181	1,404	174	9,275	3.7	4,977	43
5,160	136	18	218	...	...	446	155	6,230	2.7	4,958	44
7,269	153	82	278	332	685	1,299	158	8,675	3.5	4,497	45
4,926	149	60	142	295	369	1,405	219	105	(2)	3,238	46
4,198	141	35	175	1	400	608	176	5,490	1.8	4,534	47
5,147	146	5	200	5	182	694	142	1,425	0.7	4,702	48
5,354	162	9	277	130	213	2,526	183	20,570	5.6	4,707	49
3,830	171	...	...	8	291	994	161	13,335	4.9	4,508	50
2,404	205	48	177	13	248	1,147	272	11,040	6.2	4,262	51
2,750	228	...	...	...	...	824	159	13,260	4.5	4,772	52
3,192	195	...	...	...	...	1,126	163	16,078	4.8	3,802	53
2,628	212	10	200	...	...	1,159	214	16,572	6.5	3,785	54
2,414	187	9	95	4	145	977	169	12,120	4.9	4,231	55
3,536	178	5	222	...	...	1,736	184	10,300	3.6	4,104	56
2,622	198	7	117	...	...	1,056	171	16,301	5.6	4,027	57
3,020	174	...	...	10	167	1,267	165	15,650	4.4	4,142	58
3,576	216	12	178	1	400	1,376	218	13,608	5.2	4,673	59
4,578	189	...	...	...	...	1,138	207	22,920	7.8	4,597	60
8,759	184	22	303	...	...	1,782	216	16,755	4.8	5,044	61
3,338	202	266	249	31	282	1,154	214	6,365	4.1	4,352	62
4,171	148	15	200	2	133	905	165	9,500	3.8	4,963	63
3,434	152	...	...	...	...	541	206	9,605	4.1	5,073	64
2,948	204	41	342	2	200	1,391	279	19,259	6.6	4,479	65
5,461	169	22	463	8	195	1,432	188	11,240	4.2	5,475	66
4,281	201	298	246	62	954	1,246	227	9,032	5.2	5,271	67
6,412	161	10	250	59	694	2,056	140	13,890	4.4	5,078	68
3,362	216	48	178	50	417	1,547	267	8,857	5.2	4,451	69
3,312	205	52	242	168	425	1,483	298	11,800	5.9	4,879	70
2,792	160	26	693	90	643	1,212	308	14,490	6.7	4,637	71

KANSAS

TONS OF FERTILIZER

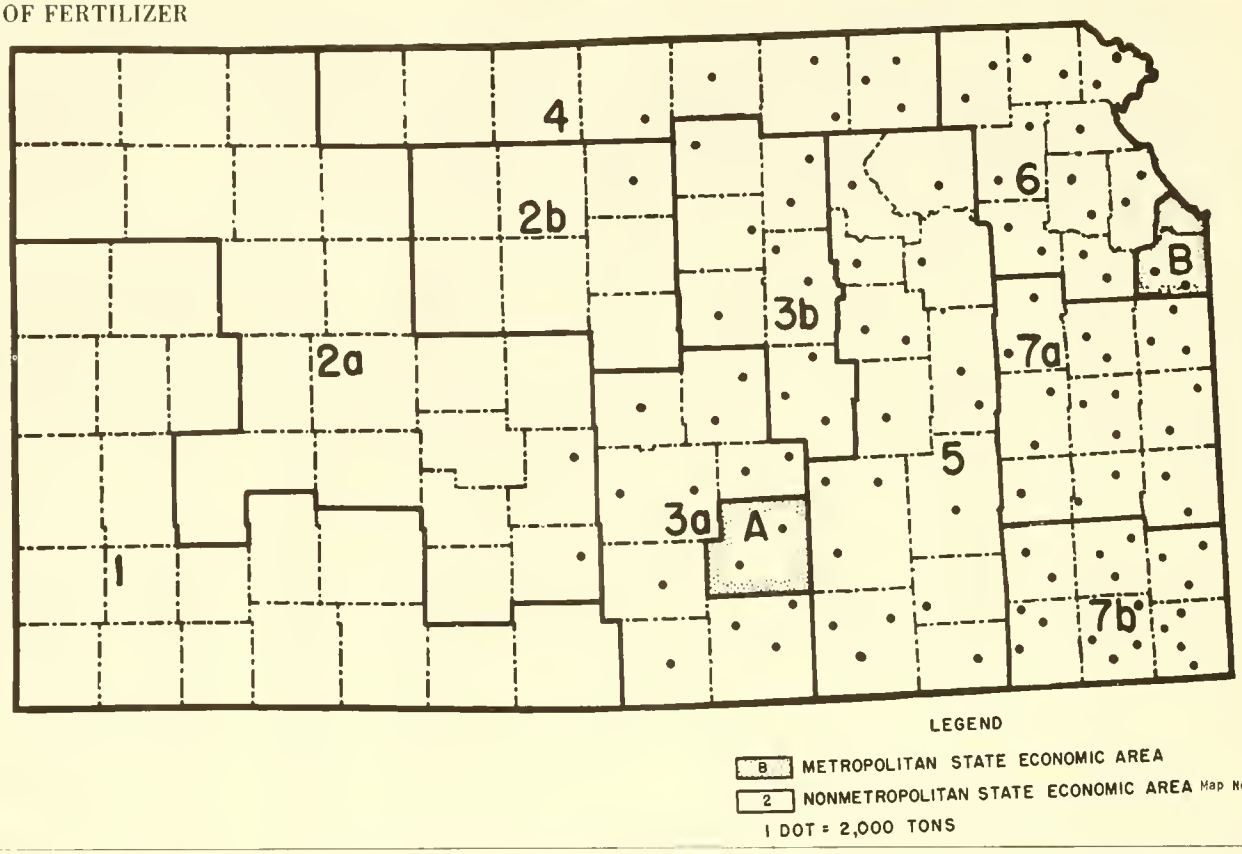
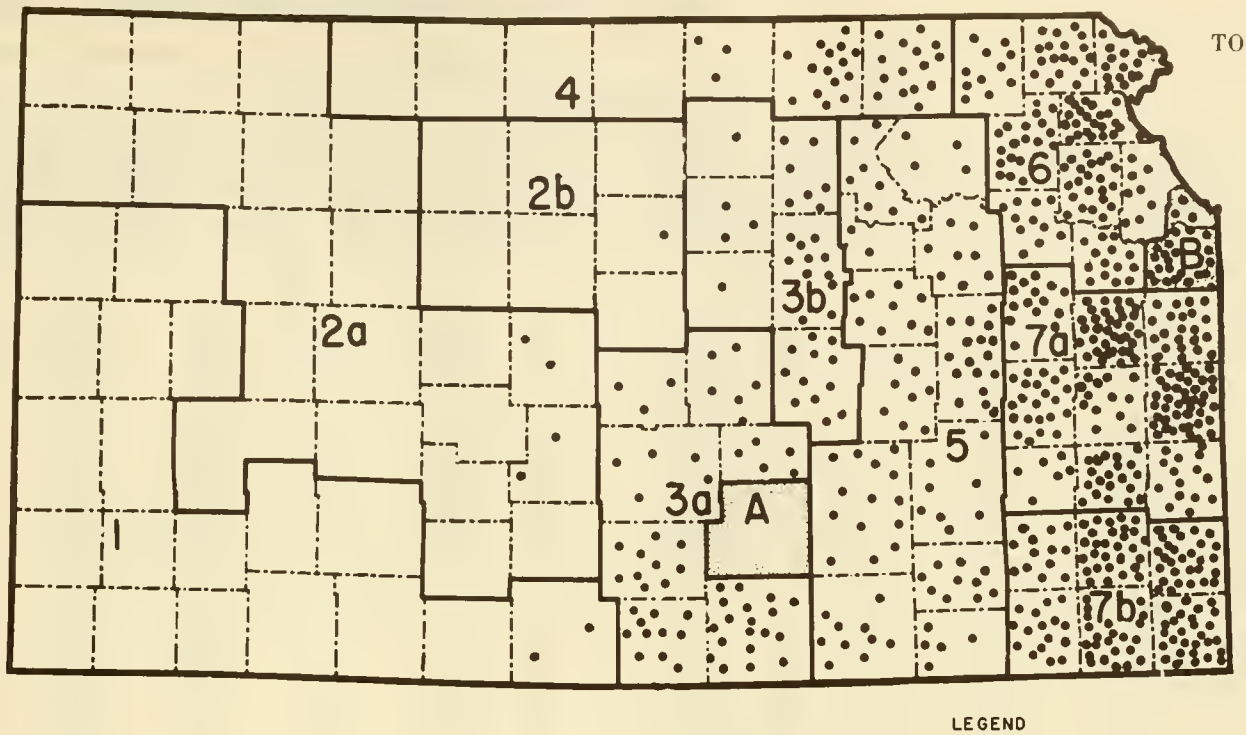


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Kansas, total	226,374	117	19,114	154	4,071	155	201,923	113
	Area 1:								
2	Barber	764	91	60	114	2	80	703	90
3	Clark	33	35	2	133	...	...	31	34
4	Comanche	186	116	79	146	4	133	103	99
5	Ford	147	70	3	130	...	...	145	70
6	Grant	159	86	...	...	14	311	145	80
7	Gray	88	82	5	250	...	...	83	79
8	Greeley	...	...	...	...	...	...	...	...
9	Hamilton	24	68	...	...	...	...	24	68
10	Haskell	79	82	3	63	1	167	74	81
11	Kearny	78	70	...	...	1	67	77	71
12	Logan	4	62	...	...	...	...	4	62
13	Meade	94	57	2	45	2	114	90	56
14	Morton	10	33	...	...	...	...	10	33
15	Scott	304	61	2	67	1	100	300	61
16	Seward	105	92	10	100	...	...	95	92
17	Stanton	57	52	...	...	1	80	56	52
18	Stevens	46	82	3	130	...	...	43	80
19	Wallace	1	400	...	...	...	...	1	400
20	Wichita	172	117	10	100	8	80	154	126
	Area 2a:								
21	Barton	956	93	75	133	16	229	862	90
22	Cheyenne	5	200	2	160	...	...	2	160
23	Decatur	96	186	38	353	...	...	58	142
24	Edwards	934	80	39	45	...	...	901	83
25	Finney	570	116	6	60	...	...	564	117
26	Gove	...	...	...	...	...	...	...	...
27	Graham	305	122	...	...	40	246	151	65
28	Hodgeman	332	149	33	213	...	...	299	144
29	Kiowa	332	77	8	67	...	...	324	77
30	Lane	13	30	...	...	...	...	13	30
31	Ness	14	82	...	...	...	...	15	88
32	Pawnee	485	95	24	51	...	...	462	99
33	Pratt	1,687	81	53	87	...	...	1,627	80
34	Rawlins	8	78	6	135	...	...	3	52
35	Rush	160	89	25	94	...	...	136	89
36	Sheridan	26	140	...	...	...	...	26	140
37	Sherman	12	91	2	200	...	...	12	98
38	Stafford	1,892	73	144	92	...	...	1,741	71
39	Thomas	21	145	10	167	...	...	12	141
40	Trego	...	...	...	...	...	...	...	...



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potstoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 36,224	*Corn* 128	*Wheat* 107,396	*Wheat* 108	808	262	57,495	115	187,047	0.6	3,970	1
13	145	530	89	...	...	160	87	300	0.1	5,333	2
...	...	27	31	...	...	4	76	...	...	...	3
5	100	56	97	...	...	42	102	...	...	...	4
4	100	80	74	20	800	41	44	...	...	...	5
...	...	39	76	...	...	106	82	...	...	...	6
1	500	42	76	...	...	40	80	...	...	...	7
...	...	...	...	...	...	...	...	...	...	...	8
...	...	12	100	...	...	12	51	...	...	...	9
1	100	2	80	...	...	71	81	...	...	...	10
2	100	2	83	...	...	73	70	...	...	...	11
...	...	...	...	...	...	4	62	...	...	...	12
2	121	64	48	...	...	24	95	...	...	...	13
...	...	...	...	...	...	10	33	...	...	...	14
51	88	24	35	...	...	225	62	...	...	...	15
...	...	22	109	...	...	73	87	...	...	...	16
...	...	8	64	2	57	46	50	...	...	...	17
5	125	1	25	...	...	37	81	...	...	...	18
...	...	...	...	...	...	1	400	...	...	...	19
12	95	4	123	1	167	137	129	...	...	...	20
27	200	453	91	...	...	382	85	565	0.1	3,805	21
...	...	...	...	...	...	2	160	...	...	...	22
26	335	14	77	...	...	18	122	...	...	...	23
10	50	448	90	...	...	443	78	...	...	...	24
1	43	80	106	...	...	483	120	...	...	...	25
...	...	...	...	...	...	...	...	...	...	...	26
8	160	130	105	...	...	13	12	...	...	...	27
...	...	124	119	...	...	175	170	...	...	...	28
8	80	148	70	...	...	168	84	...	...	...	29
...	...	13	30	...	...	...	...	...	...	...	30
...	...	1	100	...	...	14	88	...	...	...	31
1	200	285	98	2	200	174	101	...	...	...	32
20	118	885	77	...	...	722	84	...	...	...	33
...	...	2	57	...	...	1	43	...	...	...	34
34	118	31	70	...	...	71	89	...	...	...	35
25	143	...	...	...	...	1	91	...	...	...	36
2	133	6	104	...	...	4	80	...	...	...	37
41	84	912	71	...	...	788	71	629	0.2	3,644	38
...	...	2	50	...	...	10	222	...	...	...	39
...	...	...	...	...	...	...	...	...	...	...	40

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Kansas—Continued								
	Area 2b:								
1	Ellis	24	132	5	182	3	400	16	109
2	Ellsworth	734	76	63	59	...	...	670	78
3	Lincoln	708	111	48	160	52	210	606	103
4	Mitchell	1,406	94	112	120	21	98	1,270	93
5	Osborne	477	183	28	175	...	...	446	173
6	Rooks	20	80	2	89	...	...	17	75
7	Russell	223	117	6	133	...	...	218	117
	Area 3a:								
8	Harper	1,365	75	88	121	25	81	1,228	71
9	Harvey	3,595	94	296	160	34	78	3,276	91
10	Kingman	2,222	78	169	110	30	65	2,024	75
11	McPherson	3,486	87	147	111	23	164	3,304	85
12	Reno	4,969	84	374	106	26	90	4,582	84
13	Rice	2,199	82	91	141	4	82	2,102	80
14	Sumner	5,904	85	321	189	...	...	5,564	83
	Metropolitan Area A:								
15	Sedgwick	4,118	97	300	113	67	91	3,687	95
	Area 3b:								
16	Clay	3,304	97	80	113	8	364	3,174	95
17	Cloud	1,508	100	68	108	...	...	1,420	98
18	Dickinson	4,148	99	286	160	10	85	3,829	95
19	Marion	6,700	95	428	152	37	98	6,154	91
20	Ottawa	2,306	91	67	90	18	89	2,228	92
21	Saline	2,067	91	36	114	6	94	2,002	90
	Area 4:								
22	Jewell	1,119	97	65	145	24	600	1,038	94
23	Marshall	5,527	130	307	229	50	144	5,139	126
24	Norton	279	100	19	203	1	200	260	96
25	Phillips	306	142	22	91	...	...	285	149
26	Republic	2,339	111	90	152	28	126	2,230	110
27	Smith	584	94	15	83	8	64	561	94
28	Washington	4,574	121	241	151	18	138	4,275	117
	Area 5:								
29	Butler	5,838	103	777	141	105	143	4,890	96
30	Chase	1,188	136	150	196	12	300	1,013	128
31	Chautauqua	1,418	148	247	159	120	331	1,047	137
32	Cowley	5,671	105	434	117	15	150	5,168	103
33	Elk	1,484	130	235	148	28	308	1,202	122
34	Geary	1,370	118	138	193	5	200	1,221	111
35	Greenwood	2,805	143	435	221	178	203	2,196	132
36	Lyon	3,770	138	279	147	23	65	3,470	141
37	Morris	3,048	127	247	146	30	211	2,767	126
38	Pottawatomie	2,941	135	181	233	28	204	2,714	131
39	Riley	1,825	151	152	152	34	226	1,620	149
40	Wabaunsee	2,045	125	251	160	12	166	1,773	120
	Area 6:								
41	Atchison	2,708	117	264	156	56	160	2,353	111
42	Brown	4,742	139	522	163	80	135	4,153	137
43	Doniphan	4,134	173	322	194	219	209	3,580	169
44	Douglas	3,838	162	718	186	281	284	2,843	151
45	Jackson	4,067	140	498	185	49	105	3,520	135
46	Jefferson	3,981	118	422	148	61	169	3,429	114
47	Leavenworth	3,799	140	351	132	118	145	3,330	140
48	Nemaha	4,934	154	460	184	76	161	4,300	145
49	Shawnee	4,358	139	295	180	61	144	4,014	137
	Metropolitan Area B:								
50	Johnson	4,235	155	808	166	437	157	2,947	150
51	Wyandotte	922	222	74	169	32	291	820	227
	Area 7a:								
52	Allen	4,632	137	538	161	78	129	3,994	134
53	Anderson	5,142	141	486	140	96	136	4,513	139
54	Bourbon	4,030	138	412	187	54	212	3,546	134
55	Coffey	3,369	133	224	160	40	186	3,053	130
56	Franklin	3,702	138	460	148	142	132	3,055	136
57	Linn	4,626	144	390	165	48	192	4,180	143
58	Miami	6,068	135	630	161	244	152	5,174	130
59	Osage	3,608	143	274	175	81	165	3,205	136
60	Woodson	2,779	145	532	203	34	113	2,189	137
	Area 7b:								
61	Cherokee	7,215	137	300	229	53	133	6,834	135
62	Crawford	5,954	132	230	164	78	186	5,653	131
63	Labette	7,675	129	409	191	118	161	7,126	125
64	Montgomery	5,026	134	508	153	48	226	4,465	132
65	Neosho	6,416	125	544	147	211	103	5,593	123
66	Wilson	4,601	130	499	191	103	218	4,022	124

Z 0.05 percent or less.

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Wheat*	*Wheat*								
...	...	...	...	5	455	11	83	...	...	...	1
9	84	529	75	...	...	132	97	70	(Z)	4,000	2
39	111	441	100	...	...	126	116	405	0.2	2,716	3
41	99	1,028	93	...	...	201	89	...	...	...	4
88	164	328	188	...	...	30	101	...	...	...	5
2	42	9	69	...	...	6	120	...	...	...	6
1	167	155	118	...	...	62	114	...	...	...	7
8	103	891	67	...	...	329	86	3,270	1.0	3,383	8
304	103	2,103	91	...	...	869	86	2,075	0.8	2,487	9
82	108	1,229	72	1	100	712	79	2,867	0.8	3,355	10
189	89	2,544	84	1	200	570	92	1,375	0.3	4,291	11
45	133	3,189	84	20	320	1,328	83	1,431	0.2	3,421	12
34	93	1,390	75	...	...	678	92	915	0.3	3,596	13
126	131	4,496	79	10	133	932	104	5,280	1.0	3,616	14
250	114	2,607	89	42	840	788	107	3,107	0.7	3,976	15
479	101	2,369	94	...	...	326	100	2,797	1.1	2,559	16
186	102	1,118	99	...	...	116	84	200	0.1	4,350	17
304	102	2,903	91	12	91	610	115	2,757	0.8	4,104	18
482	105	4,185	90	6	120	1,481	92	2,790	0.8	4,140	19
27	141	1,999	91	...	...	202	96	860	0.4	3,898	20
68	88	1,429	77	1	1,000	504	167	703	0.3	1,724	21
131	103	767	89	...	...	140	120	...	...	...	22
1,804	133	2,830	118	...	...	505	151	3,325	1.0	4,469	23
123	98	84	78	...	...	53	146	...	...	...	24
139	157	135	150	...	...	11	85	...	...	...	25
616	109	1,320	105	...	...	294	153	551	0.2	5,064	26
140	109	349	92	...	...	72	81	...	...	...	27
1,219	120	2,606	115	...	...	450	126	4,633	1.4	3,130	28
327	114	2,374	98	...	...	2,189	91	3,965	1.3	3,648	29
74	203	552	124	...	...	387	125	2,185	2.8	3,832	30
47	126	513	137	...	...	487	137	1,112	1.4	4,068	31
158	121	3,562	104	5	125	1,443	100	2,803	1.0	3,555	32
51	98	477	126	...	...	674	122	2,711	2.8	3,861	33
150	120	837	108	1	400	233	120	419	0.4	3,967	34
356	129	982	136	1	400	857	130	2,213	1.4	3,549	35
533	116	1,822	149	5	143	1,110	142	4,978	2.0	3,479	36
225	107	2,020	132	...	...	522	116	1,856	1.0	5,033	37
815	122	1,525	134	2	160	372	145	1,249	0.6	3,366	38
428	170	913	138	34	618	245	149	1,634	1.1	5,196	39
319	156	1,113	114	...	...	341	112	1,983	1.2	3,870	40
774	110	1,075	114	...	...	504	107	5,263	3.1	4,211	41
1,914	137	1,292	133	...	...	947	141	4,645	1.8	3,973	42
2,523	170	470	157	72	182	515	171	3,605	2.3	3,942	43
967	156	1,186	152	2	114	688	142	3,521	2.2	3,838	44
830	125	1,950	136	...	...	740	144	5,210	2.2	3,631	45
1,180	115	1,590	111	...	...	659	123	5,705	2.9	4,313	46
1,494	147	1,126	133	36	369	674	134	1,515	1.0	4,990	47
1,361	128	1,933	161	16	142	990	141	3,387	1.2	3,306	48
1,309	136	1,988	134	15	182	702	143	2,330	1.2	4,718	49
1,144	157	1,064	158	98	431	641	119	4,530	3.2	4,342	50
281	242	185	179	278	275	76	191	740	2.6	3,595	51
945	126	1,356	136	4	1,600	1,689	136	4,771	2.6	4,127	52
464	133	2,010	151	1	100	2,038	131	3,127	1.7	4,305	53
482	124	1,195	140	13	2,600	1,856	133	3,664	2.1	3,990	54
639	122	1,202	134	...	...	1,212	131	4,010	1.9	5,538	55
638	125	1,272	139	4	1,600	1,141	138	8,567	4.6	4,091	56
623	137	1,625	142	16	178	1,916	145	12,006	7.1	3,527	57
1,810	116	1,790	145	22	138	1,552	133	5,135	2.6	4,189	58
440	133	1,772	142	2	800	991	128	3,284	1.5	4,613	59
526	140	796	136	14	431	853	134	1,375	1.2	4,065	60
935	139	3,821	139	...	...	2,078	127	6,135	3.0	4,497	61
1,334	124	2,282	140	5	2,000	2,032	125	6,665	3.3	4,421	62
526	116	3,802	126	16	914	2,782	125	6,012	2.6	3,901	63
538	126	2,227	136	...	...	1,700	130	4,035	2.2	3,880	64
1,189	124	2,335	120	10	333	2,059	126	6,322	3.0	4,565	65
640	116	1,882	124	13	76	1,487	129	3,475	2.1	3,830	66

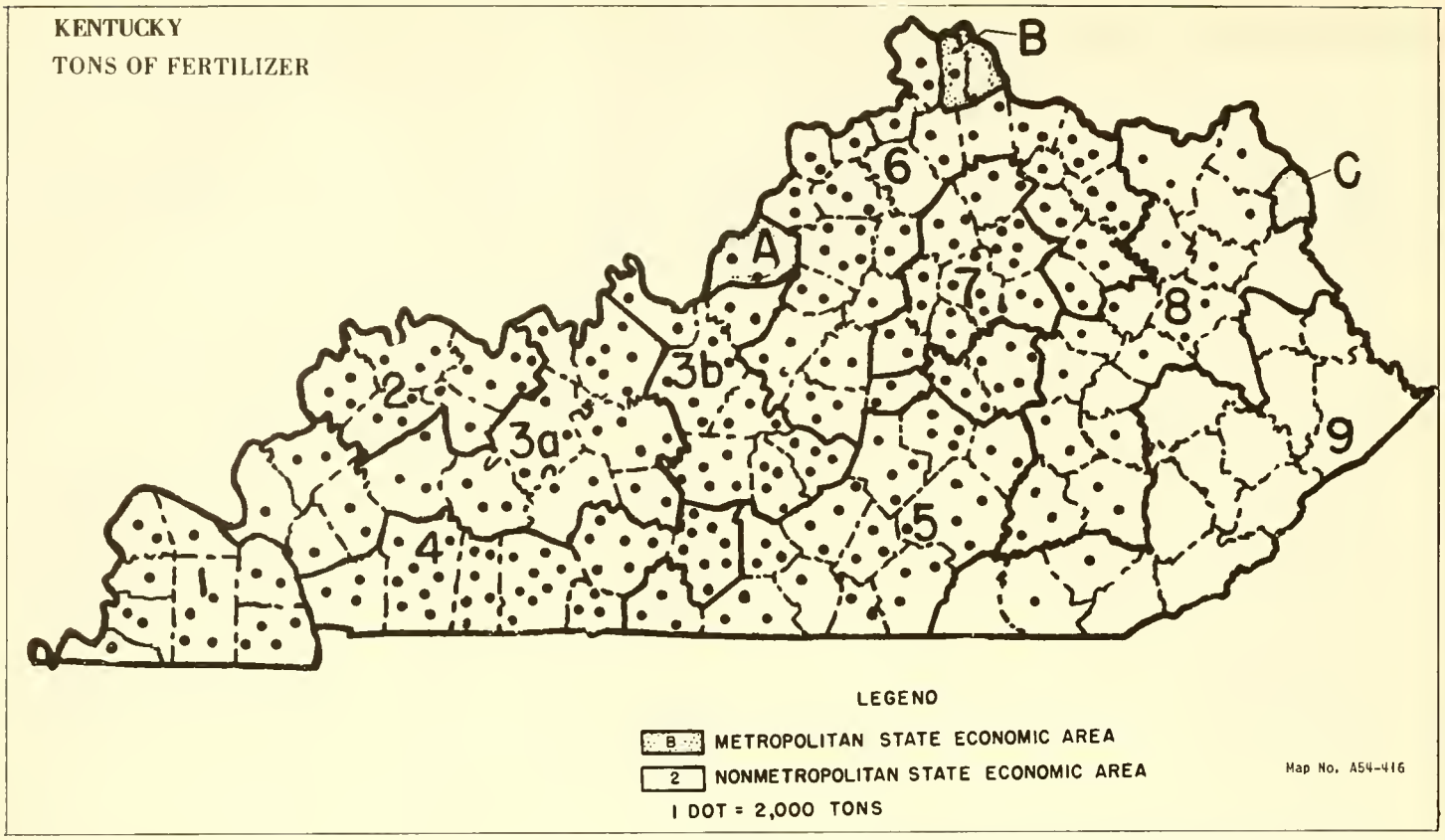
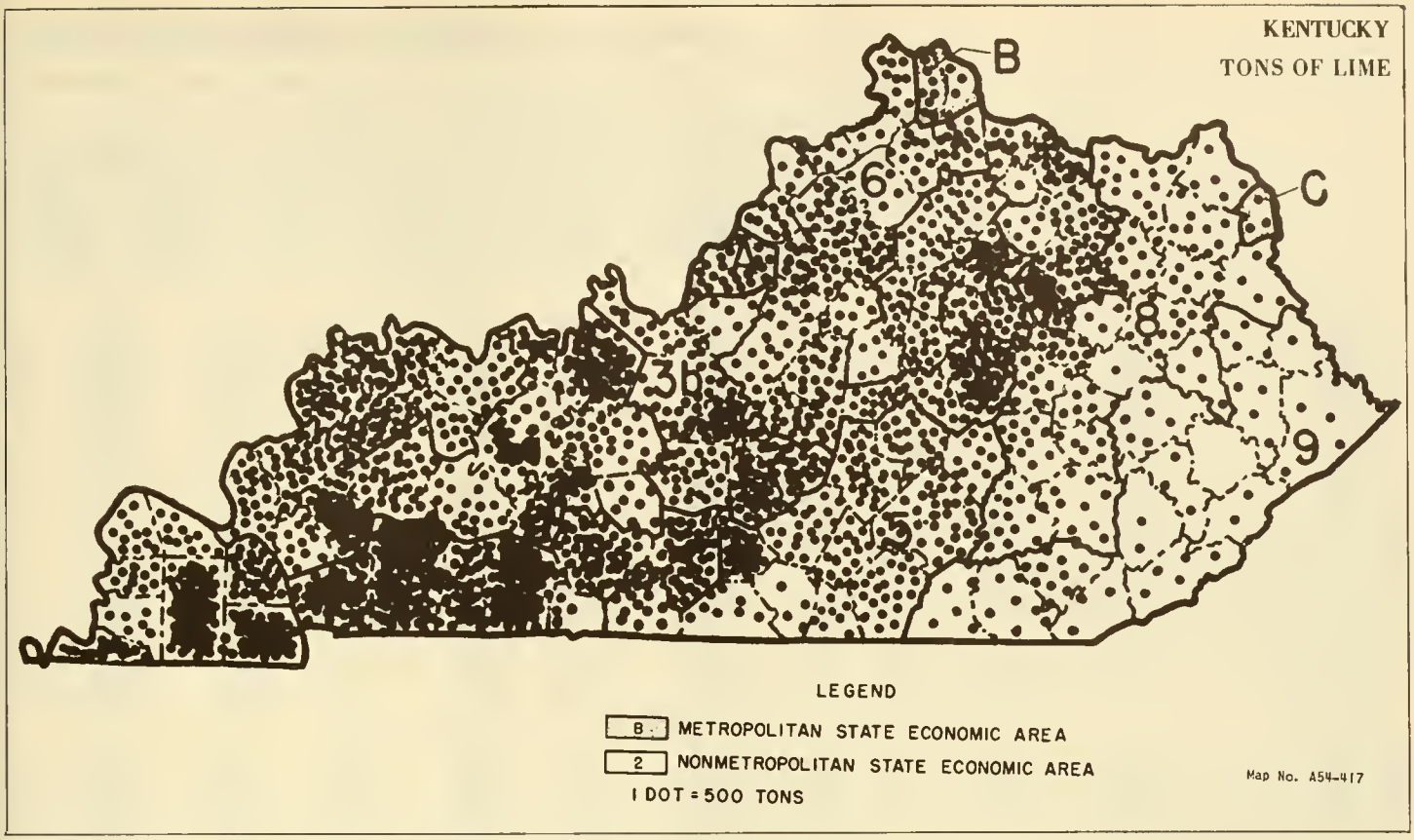


Table 1.—USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Kentucky, total	557,235	403	94,625	321	14,231	298	445,016	427
	Area 1:								
2	Ballard	3,354	269	938	276	14	140	2,387	271
3	Calloway	7,600	278	778	238	133	345	6,660	282
4	Carlisle	1,227	196	106	362	18	300	1,084	184
5	Fulton	2,278	261	226	340	8	178	2,008	250
6	Graves	8,762	244	1,064	236	106	199	7,461	240
7	Hickman	3,239	225	409	224	156	282	2,671	222
8	McCracken	2,072	243	464	229	92	216	1,498	246
9	Marshall	3,192	192	483	209	82	223	2,609	191
	Area 2:								
10	Daviess	9,662	342	1,049	327	99	471	8,441	344
11	Henderson	5,739	206	798	265	21	323	4,842	194
12	McLean	4,660	271	401	315	65	338	4,141	264
13	Union	6,122	234	1,118	366	98	212	4,910	218
14	Webster	5,386	240	731	246	226	362	4,403	232
	Area 3a :								
15	Breckinridge	11,750	439	2,682	363	303	308	8,714	466
16	Butler	4,845	268	428	294	237	398	4,176	261
17	Caldwell	3,594	267	468	286	38	447	3,147	268
18	Crittenden	3,120	225	742	305	186	384	2,163	201
19	Edmonson	4,254	338	761	311	2	160	3,489	339
20	Grayson	7,830	349	1,394	375	150	420	6,245	343
21	Hancock	2,233	360	162	235	137	583	1,910	359
22	Hopkins	5,430	249	640	281	63	202	4,689	242
23	Livingston	1,791	198	420	261	60	163	1,310	186
24	Lyon	2,593	258	344	210	10	182	2,246	268
25	Muhlenberg	5,973	282	952	324	312	405	4,690	270
26	Ohio	6,545	257	784	293	323	300	5,359	247
	Area 3b:								
27	Bullitt	3,126	360	1,087	344	52	371	1,925	353
28	Green	7,510	434	1,123	385	211	447	6,250	447
29	Hardin	9,737	332	2,008	336	162	296	7,537	332
30	Hart	9,460	472	1,728	374	259	346	7,420	498
31	Larue	6,560	370	1,092	313	48	398	5,376	379
32	Meade	4,840	340	918	274	70	259	3,787	360
33	Taylor	7,883	436	1,549	320	86	430	6,221	475



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 212,396	*Corn* 275	*Tobacco* 186,265	*Tobacco* 1,425	7,767	724	38,588	298	593,959	5.6	3,653	1
1,677	214	634	1,053	6	400	70	209	3,129	3.3	3,489	2
3,850	219	1,806	828	40	640	964	254	12,495	9.9	3,579	3
954	171	118	508	2	160	10	143	2,755	3.9	3,615	4
1,184	239	12	533	19	691	793	263	5,325	6.2	3,123	5
5,091	191	1,896	742	41	304	433	241	20,680	9.0	3,147	6
1,963	209	92	736	2	400	614	246	5,845	5.8	3,783	7
920	194	296	946	100	702	182	208	2,995	4.4	3,529	8
2,135	172	272	735	64	800	138	162	8,935	10.1	3,099	9
5,576	272	2,352	914	20	889	493	347	6,035	3.3	3,258	10
3,981	177	498	669	34	378	329	204	11,281	6.0	3,405	11
2,801	219	738	906	12	1,200	590	284	3,631	3.9	3,651	12
3,656	211	26	1,238	2	400	1,226	239	8,738	6.4	3,666	13
3,361	212	392	716	20	348	630	251	10,235	8.1	3,301	14
4,579	325	3,030	1,658	45	900	1,060	387	11,205	6.0	4,346	15
3,539	237	362	1,341	74	705	201	307	6,670	6.7	4,138	16
2,137	215	492	920	8	533	510	405	18,240	15.8	3,549	17
1,941	196	26	452	6	343	190	243	7,860	6.9	3,399	18
2,220	260	742	1,455	119	780	408	376	1,900	2.5	4,353	19
3,845	256	1,224	1,258	100	784	1,076	514	4,805	3.0	4,125	20
1,120	254	732	1,068	4	800	54	251	4,575	10.2	3,178	21
3,672	214	457	800	20	381	540	332	10,055	8.2	3,239	22
1,235	186	2	800	1	400	72	185	6,977	6.0	2,999	23
1,546	221	398	1,118	128	1,261	174	183	3,889	6.8	2,799	24
3,449	236	704	881	77	890	460	247	5,430	5.5	3,108	25
4,084	206	918	1,157	66	880	291	292	10,655	8.4	3,129	26
1,145	295	451	1,244	41	656	288	251	1,175	2.6	5,489	27
3,066	282	2,686	1,434	18	360	480	403	6,765	6.8	5,027	28
4,528	274	1,540	1,406	43	860	1,426	285	6,267	3.2	3,814	29
3,512	291	3,626	1,628	35	1,167	247	413	6,210	4.6	4,103	30
3 216	309	1,287	1,687	63	442	810	281	6,710	7.1	4,271	31
2,116	310	620	1,558	27	720	1,024	314	2,630	2.9	3,608	32
3,062	352	2,137	1,474	41	607	981	339	6,320	6.4	3,671	33

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Kentucky—Continued								
	Area 4:								
1	Barren	16,931	429	3,102	322	258	259	13,356	459
2	Christian	15,704	329	2,067	317	214	233	13,248	336
3	Logan	15,303	357	2,355	331	516	349	12,401	360
4	Simpson	6,962	314	652	281	144	282	6,070	312
5	Todd	11,751	336	1,884	311	174	395	9,502	340
6	Trigg	5,027	259	642	240	66	311	4,298	254
7	Warren	12,398	308	3,132	285	258	248	8,971	317
	Area 5:								
8	Adair	7,592	371	1,061	302	286	296	6,221	381
9	Allen	5,862	276	966	258	55	275	4,841	283
10	Casey	7,706	445	1,632	274	232	286	5,733	546
11	Clinton	4,102	422	1,437	336	20	200	2,616	490
12	Cumberland	2,538	362	373	278	50	137	2,118	399
13	Lincoln	7,380	499	1,642	377	414	329	5,255	573
14	Metcalfe	6,272	420	1,180	346	98	250	4,933	439
15	Monroe	6,176	351	794	274	618	412	4,738	366
16	Pulaski	10,951	416	2,986	307	194	238	7,710	490
17	Rockcastle	3,432	492	575	331	57	543	2,804	552
18	Russell	6,778	456	2,008	352	276	323	4,515	542
19	Wayne	6,084	425	1,490	306	206	277	4,410	495
	Area 6a:								
20	Anderson	2,386	872	162	480	111	324	2,100	1,013
21	Bath	4,668	691	634	409	87	515	3,862	781
22	Boone	3,326	399	504	367	86	208	2,720	411
23	Boyle	4,480	495	1,012	334	458	270	3,006	695
24	Bracken	4,036	1,207	214	556	64	492	3,732	1,289
25	Carroll	2,441	783	254	450	25	179	2,116	876
26	Fleming	6,594	691	898	404	92	242	5,560	799
27	Franklin	3,924	590	808	301	150	201	2,911	900
28	Gallatin	1,460	1,016	47	470	45	900	1,369	1,063
29	Garrard	5,876	798	1,403	974	117	387	4,348	767
30	Grant	4,219	1,190	550	579	80	696	3,540	1,419
31	Henry	6,702	695	914	362	253	449	5,634	853
32	Madison	9,984	576	1,620	217	346	266	7,999	936
33	Marion	5,930	468	720	269	183	275	5,019	541
34	Mason	5,512	706	988	377	58	516	4,431	869
35	Montgomery	4,336	788	527	396	78	363	3,668	940
36	Nelson	5,752	391	849	282	219	216	4,608	417
37	Nicholas	3,036	1,097	278	494	52	630	2,700	1,274
38	Oldham	3,994	398	1,103	366	68	432	2,811	408
39	Owen	5,006	1,312	258	455	45	545	4,609	1,468
40	Pendleton	3,286	946	334	411	72	457	2,858	1,145
41	Robertson	1,579	1,089	122	436	5	167	1,441	1,278
42	Shelby	10,090	622	2,098	369	178	293	7,805	786
43	Spencer	4,020	587	542	373	102	464	3,389	654
44	Trimble	3,882	605	716	375	45	281	3,099	703
45	Washington	4,492	636	405	356	54	812	3,991	676
	Metropolitan Area A:								
46	Jefferson	4,688	362	1,106	275	220	252	3,342	413
	Metropolitan Area B:								
47	Campbell	718	516	210	525	8	533	500	506
48	Kenton	1,222	584	190	339	26	289	1,003	694
	Area 7:								
49	Bourbon	10,361	662	2,149	290	10	500	8,132	981
50	Clark	4,429	629	649	270	194	206	3,601	970
51	Fayette	7,997	656	866	236	636	296	6,315	995
52	Harrison	6,442	974	914	469	175	341	5,280	1,276
53	Jessamine	3,865	748	315	351	42	163	3,473	865
54	Mercer	4,032	575	506	323	94	320	3,443	669
55	Scott	6,522	728	940	268	90	379	5,436	1,018
56	Woodford	4,968	588	1,195	419	155	113	3,613	860
	Area 8:								
57	Carter	2,988	593	521	328	42	365	2,395	719
58	Clay	3,226	634	454	396	10	400	2,740	694
59	Elliott	1,621	665	146	261	35	400	1,411	771
60	Estill	1,586	544	218	349	138	563	1,209	583
61	Greenup	2,248	478	356	426	160	360	1,726	503
62	Jackson	4,534	527	1,310	358	218	347	3,004	709
63	Laurel	5,950	507	1,786	324	173	315	3,941	691
64	Lawrence	922	373	334	358	64	223	520	410
65	Lee	665	390	94	227	2	800	567	441
66	Lewis	4,756	614	776	403	98	259	3,860	706
67	Magoffin	648	570	31	413	...	...	617	578
68	Menifee	1,615	681	230	374	10	364	1,376	794
69	Morgan	4,451	723	588	454	58	407	3,742	791
70	Owsley	1,330	649	68	406	15	500	1,251	684
71	Powell	1,028	413	193	331	18	514	804	430
72	Rowan	1,708	522	424	384	8	356	1,282	587
73	Wolfe	1,460	708	214	410	25	667	1,227	809

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Tobacco*	*Tobacco*								
7,042	299	5,415	1,694	46	1,070	853	365	10,470	4.9	3,926	1
7,220	265	3,351	1,105	50	909	2,627	290	31,170	12.4	3,930	2
6,491	294	3,368	1,133	74	643	2,468	267	18,414	9.1	4,431	3
3,053	264	1,281	947	22	880	1,714	264	4,155	3.5	3,639	4
5,370	294	1,886	930	70	1,273	2,176	288	11,065	7.8	3,467	5
2,728	195	1,170	857	14	1,867	386	240	15,165	13.5	3,520	6
5,215	243	2,070	1,190	130	1,083	1,556	309	12,420	5.7	3,731	7
3,430	269	1,955	1,328	58	829	778	381	4,670	3.7	4,126	8
2,776	210	1,370	1,066	52	462	643	257	3,410	2.9	4,326	9
2,561	320	2,837	1,684	108	1,200	227	310	7,045	6.6	4,096	10
1,478	341	884	1,624	110	1,000	144	406	1,815	3.3	4,209	11
1,074	239	986	1,394	27	982	31	354	1,244	2.2	3,431	12
2,560	377	2,455	1,404	66	1,257	174	299	5,045	4.5	4,059	13
2,324	260	2,184	1,457	37	925	388	499	6,990	7.1	3,878	14
2,786	257	1,532	1,411	114	1,854	306	317	1,959	2.1	4,012	15
3,708	320	2,992	1,762	314	800	696	337	7,325	4.2	4,190	16
1,323	334	1,328	1,632	54	939	99	394	2,449	3.9	4,367	17
2,221	360	1,709	1,871	356	596	229	351	3,900	5.3	3,779	18
2,324	370	1,384	1,822	128	1,045	574	329	5,550	7.8	3,951	19
416	396	1,668	1,698	...	...	16	400	1,555	4.5	4,675	20
1,163	400	2,656	1,350	18	1,029	25	455	4,870	5.7	4,156	21
1,367	279	1,053	1,289	80	941	220	266	3,888	5.5	2,503	22
899	331	2,037	1,513	20	800	50	209	2,980	4.9	4,138	23
424	485	3,224	1,837	14	350	70	311	2,255	2.7	5,038	24
609	425	1,499	1,541	8	800	...	...	1,680	3.6	2,810	25
1,986	472	3,472	1,504	20	320	82	216	5,180	4.5	3,761	26
404	315	2,388	1,521	5	500	114	306	5,240	6.7	3,023	27
326	447	1,042	1,877	1	400	...	...	590	2.5	4,051	28
1,158	355	2,984	1,454	18	1,200	188	553	3,987	3.5	2,719	29
488	612	3,021	1,823	16	640	15	1,000	2,760	3.3	3,754	30
1,673	411	3,852	1,698	17	2,267	92	356	5,105	4.7	3,256	31
2,606	508	5,151	1,721	70	1,045	172	476	12,775	8.7	3,795	32
2,121	312	2,542	1,727	26	1,040	330	336	5,043	4.6	5,158	33
1,171	450	3,215	1,393	...	...	45	234	5,630	5.1	3,444	34
814	422	2,797	1,549	12	1,600	45	281	12,880	19.7	2,722	35
2,242	284	1,689	1,499	63	788	614	315	3,595	2.5	3,469	36
250	475	2,370	1,560	5	2,000	75	1,071	1,170	1.5	5,393	37
1,842	378	558	1,409	12	800	399	249	2,765	4.8	4,007	38
466	545	4,122	1,830	16	711	5	500	1,435	1.1	2,934	39
454	433	2,382	1,663	...	...	22	1,467	5,440	6.4	2,965	40
107	441	1,314	1,550	...	...	20	533	305	1.3	4,066	41
2,404	414	5,003	1,567	34	1,943	364	400	6,307	3.4	4,362	42
1,438	403	1,883	1,456	4	533	64	208	2,720	3.6	3,533	43
1,030	420	1,538	1,788	252	794	279	359	1,180	3.4	3,805	44
1,185	327	2,724	1,422	8	3,200	74	204	5,136	4.2	3,305	45
1,758	346	234	1,614	704	681	646	354	5,022	5.9	4,466	46
190	309	220	1,189	54	675	36	335	875	3.8	3,703	47
273	296	630	1,527	85	1,030	15	545	2,980	6.8	2,581	48
1,908	502	5,842	1,601	2	400	380	454	9,650	6.6	3,749	49
744	418	2,800	1,568	4	2,667	53	359	5,395	4.7	4,159	50
1,343	532	4,739	1,532	65	481	168	282	5,473	4.1	3,822	51
709	523	4,554	1,650	2	800	15	750	4,690	4.6	3,661	52
733	384	2,708	1,303	2	800	30	1,200	3,390	4.0	3,224	53
949	320	2,404	1,216	64	985	26	193	1,285	1.2	3,580	54
578	476	4,612	1,584	24	1,920	222	185	3,580	3.0	3,850	55
344	497	3,114	1,287	1	400	154	141	3,372	4.8	3,437	56
886	395	1,383	1,582	68	1,088	58	387	3,245	4.1	3,048	57
1,187	410	1,330	1,715	209	862	14	400	3,404	3.9	2,969	58
442	370	930	1,590	37	822	2	400	1,070	3.3	5,047	59
536	345	614	1,341	54	900	5	2,000	2,305	8.3	3,926	60
886	323	678	1,577	102	756	60	482	1,505	3.6	3,621	61
1,276	424	1,430	1,599	246	984	52	630	2,800	4.5	3,838	62
1,667	415	1,715	1,777	414	957	145	500	4,450	4.8	3,166	63
259	258	200	1,347	60	517	1	400	1,685	5.0	2,736	64
391	362	130	1,140	37	448	9	900	1,980	7.9	2,959	65
1,435	367	2,214	1,824	154	586	57	651	3,015	5.5	4,314	66
264	340	341	1,229	10	1,333	2	400	1,235	4.1	3,336	67
526	473	756	1,652	19	950	75	526	695	2.9	4,835	68
1,554	471	2,132	1,573	42	800	14	560	2,380	3.1	4,056	69
398	313	800	1,633	41	863	12	600	1,305	3.6	4,238	70
393	259	400	1,244	10	500	1	100	3,610	14.5	2,743	71
608	350	612	1,749	32	790	30	545	1,584	5.2	4,952	72
474	462	714	1,632	20	800	19	633	425	0.9	2,047	73

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

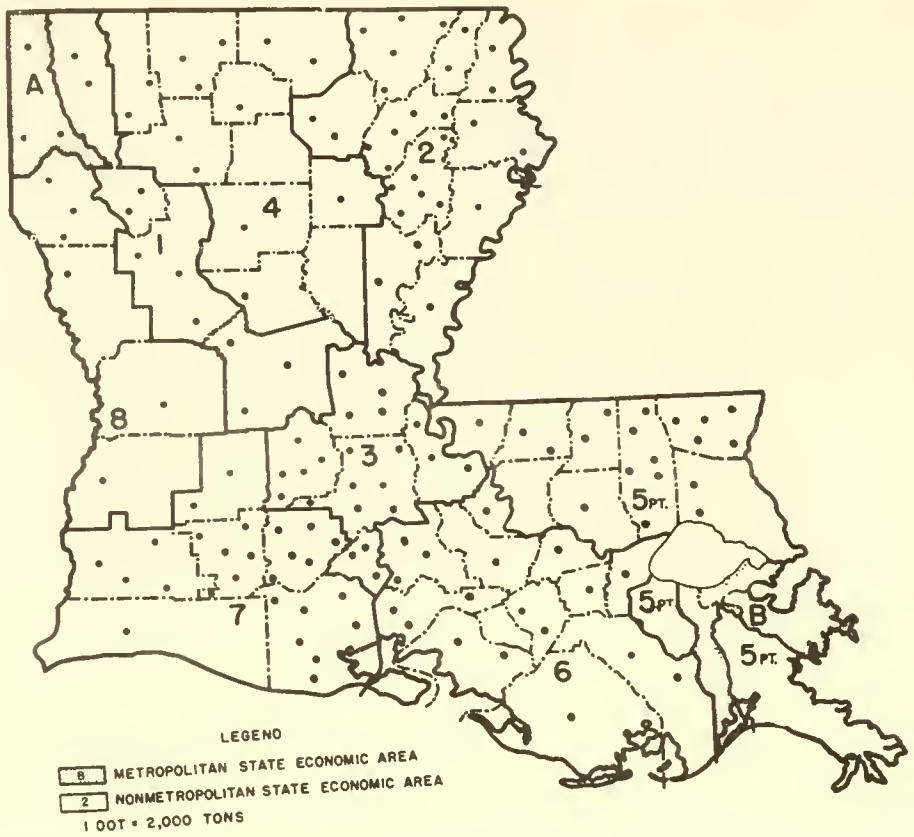
	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Kentucky—Continued								
	Metropolitan Area C:								
1	Boyd	771	217	223	242	202	130	342	315
	Area 9:								
2	Bell	412	332	222	404	4	320	188	274
3	Breathitt	754	410	35	400	2	800	717	409
4	Floyd	312	304	78	452	15	353	219	270
5	Harlan	488	344	140	397	10	222	338	342
6	Johnson	560	450	98	384	54	372	402	480
7	Knott	118	290	2	160	2	267	115	295
8	Knox	1,584	422	485	399	50	303	1,037	430
9	Leslie	366	260	18	277	10	73	332	274
10	Letcher	436	327	35	515	1	100	400	316
11	McCreary	722	411	300	315	1	133	419	527
12	Martin	184	289	14	311	2	267	167	288
13	Perry	295	323	14	400	12	533	268	313
14	Pike	378	302	26	251	32	356	317	305
15	Whitley	1,548	359	367	322	74	299	1,110	375

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Tobacco*	*Tobacco*								
296	291	23	1,533	18	655	5	200	810	2.4	3,716	1
157	246	4	1,600	22	500	5	2,000	796	6.4	3,181	2
312	238	335	1,050	58	566	12	533	2,615	4.3	2,382	3
110	197	5	667	104	424	...	...	1,155	3.3	3,126	4
253	309	...	...	81	505	4	533	1,865	13.1	2,713	5
154	269	166	1,230	76	738	6	218	1,840	6.9	1,902	6
71	215	12	1,200	32	640	...	...	145	0.6	2,828	7
582	296	321	1,346	124	670	10	400	2,472	4.0	4,565	8
198	211	26	765	107	463	1	200	720	3.5	3,306	9
287	267	4	800	109	586	...	...	500	2.1	4,880	10
276	467	20	2,000	122	649	1	200	1,595	10.9	3,097	11
87	211	...	...	80	478	...	...	310	2.1	2,871	12
172	269	22	978	72	374	2	800	1,120	3.6	2,580	13
166	228	...	...	137	468	14	700	1,432	2.4	3,680	14
676	273	184	1,389	236	755	14	373	3,030	5.2	2,264	15

LOUISIANA

TONS OF FERTILIZER



Map No. A54-418

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, ecoomic area, and parish	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Louisiana, total	293,417	237	31,320	273	13,812	233	247,160	232
	Area 1:								
2	Bossier	4,458	207	356	150	348	187	3,728	216
3	Natchitoches	5,258	201	367	190	211	203	4,616	199
4	Rapides	6,430	241	555	134	342	181	5,526	267
5	Red River	3,584	236	688	244	175	169	2,685	240
	Metropolitan Area A:								
6	Caddo	6,762	211	1,238	277	298	239	5,209	198
	Area 2:								
7	Catahoula	3,156	235	199	160	105	124	2,837	246
8	Concordia	1,803	173	196	147	68	87	1,529	184
9	East Carroll	3,932	154	32	62	132	67	3,757	164
10	Franklin	12,642	271	1,656	307	288	156	10,627	268
11	Madison	4,239	184	196	131	464	121	3,577	202
12	Morehouse	10,484	338	1,278	340	68	173	9,157	336
13	Ouachita	4,860	334	786	384	314	281	3,750	328
14	Richland	10,183	276	838	280	140	208	9,245	278
15	Tensas	2,783	160	200	95	34	136	2,419	163
16	West Carroll	4,077	222	116	204	28	280	3,906	222
	Area 3:								
17	Avoyelles	8,138	296	288	181	130	222	7,672	301
18	Evangeline	10,787	257	410	256	194	248	10,139	255
19	Lafayette	5,418	222	170	287	10	267	5,210	217
20	Pointe Coupee	5,182	209	292	127	77	118	4,816	220
21	St. Landry	14,272	235	598	339	251	243	13,402	234
	Area 4:								
22	Bienville	3,928	280	859	286	410	201	2,648	298
23	Caldwell	1,960	349	163	259	102	267	1,696	375
24	Claiborne	5,058	295	950	353	156	299	3,945	286
25	Grant	1,566	247	170	136	162	820	1,249	255
26	Jackson	982	345	110	349	36	313	820	342
27	La Salle	384	298	42	221	72	327	270	308
28	Lincoln	2,427	274	418	289	143	192	1,883	288
29	Union	4,548	274	695	233	515	197	3,303	301
30	Webster	3,305	294	686	271	180	241	2,422	301
31	Winn	1,008	305	154	273	92	222	770	338

2 0.05 percent or less.

LOUISIANA

TONS OF LIME

Map No. A54-419

LIME, BY ECONOMIC AREAS AND BY PARISHES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 50,077	*Corn* 233	*Cotton* 87,744	*Cotton* 270	25,715	427	83,624	180	92,030	1.6	1,910	1
552	214	2,938	223	50	372	188	136	620	0.5	2,742	2
1,072	163	3,193	216	150	275	201	151	1,145	0.9	1,790	3
2,164	246	2,558	264	181	408	623	352	1,900	1.6	2,263	4
647	277	1,770	230	84	354	184	203	370	0.4	3,351	5
650	184	3,810	189	107	355	642	270	1,180	0.7	1,746	6
741	220	1,798	273	22	226	276	187	985	1.7	2,843	7
410	177	974	190	2	400	143	165	...	...	...	8
467	145	2,509	174	...	...	781	146	146	0.1	274	9
1,147	237	8,203	268	72	355	1,205	301	3,791	2.0	1,945	10
598	180	2,515	222	46	172	418	149	...	...	...	11
1,498	221	7,050	376	101	558	508	325	3,938	3.4	1,995	12
1,130	311	1,781	297	606	772	233	230	2,665	4.0	1,081	13
806	194	7,865	301	26	335	548	189	3,055	2.0	1,214	14
537	212	1,662	155	...	...	220	134	40	(Z)	5,000	15
364	160	3,279	232	22	400	241	213	6,650	5.8	1,659	16
1,748	166	3,101	245	2,660	1,963	163	186	458	0.3	3,319	17
1,179	286	3,952	417	1,188	390	3,820	166	639	0.4	2,454	18
759	208	2,200	265	954	255	1,297	157	4,374	4.6	1,905	19
1,787	171	1,438	248	548	568	1,043	222	24	(Z)	3,000	20
3,211	194	5,771	291	3,119	239	1,301	163	1,400	0.7	1,979	21
1,029	254	1,318	326	275	433	26	177	1,180	1.7	2,127	22
427	306	1,202	411	45	529	22	176	1,308	4.4	1,885	23
1,463	266	1,804	314	110	322	568	258	2,080	2.0	2,132	24
545	265	586	240	102	400	16	114	197	0.6	2,000	25
347	286	238	355	221	472	14	295	720	3.8	1,778	26
179	291	56	439	14	560	21	191	295	3.0	2,746	27
655	251	852	310	237	388	139	242	560	0.8	1,679	28
1,338	263	1,436	361	310	365	219	207	2,738	3.8	1,605	29
988	293	1,200	300	78	344	156	349	2,285	3.6	1,834	30
406	328	220	350	122	364	22	289	100	0.4	2,000	31

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and parish	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Louisiana—Continued								
	Area 5:								
1	East Baton Rouge	968	330	442	332	70	368	451	320
2	East Feliciana	4,031	331	921	357	390	353	2,696	318
3	Livingston	2,373	601	161	189	106	326	2,068	744
4	Plaquemines	914	491	...	...	6	200	904	493
5	St. Charles	186	92	31	157	3	100	152	85
6	St. Helena	3,324	359	830	415	392	423	2,092	339
7	St. Tammany	4,241	296	1,707	290	338	226	2,147	308
8	Tangipahoa	11,496	571	2,069	452	1,900	387	7,462	696
9	Washington	10,144	413	1,875	473	926	337	7,368	405
10	West Feliciana	2,932	247	547	245	391	184	1,979	262
	Metropolitan Area B:								
11	Jefferson	353	418	48	149	...	...	305	584
12	Orleans	8	800	...	...	...	...	8	800
13	St. Bernard	109	229	...	...	...	...	109	229
	Area 6:								
14	Ascension	2,131	174	160	159	38	177	1,938	176
15	Assumption	3,173	183	72	149	...	...	3,105	185
16	Iberia	6,742	218	344	254	470	344	5,933	212
17	Iberville	1,753	156	121	243	255	370	1,365	136
18	Lafourche	3,612	179	20	109	...	...	3,584	180
19	St. James	1,786	167	54	80	5	200	1,726	172
20	St. John the Baptist	1,267	198	2	80	100	153	1,164	203
21	St. Martin	5,100	211	150	267	103	352	4,812	206
22	St. Mary	4,402	152	92	203	70	269	4,242	150
23	Terrebonne	1,662	153	70	192	70	84	1,520	157
24	West Baton Rouge	1,309	153	122	145	16	291	1,167	152
	Area 7:								
25	Acadia	12,807	188	474	249	42	238	12,275	185
26	Allen	4,320	210	358	249	45	194	3,876	212
27	Calcasieu	8,565	196	474	269	118	222	7,962	192
28	Cameron	1,615	168	52	313	...	...	1,569	167
29	Jefferson Davis	12,308	183	854	222	387	243	10,940	177
30	Vermilion	13,783	179	370	185	298	244	12,997	175
	Area 8:								
31	Beauregard	2,482	240	1,125	294	328	207	1,028	205
32	De Soto	5,704	321	1,876	372	709	281	3,102	309
33	Sabine	1,801	314	668	363	182	277	934	293
34	Vernon	2,402	302	525	278	509	198	1,367	389

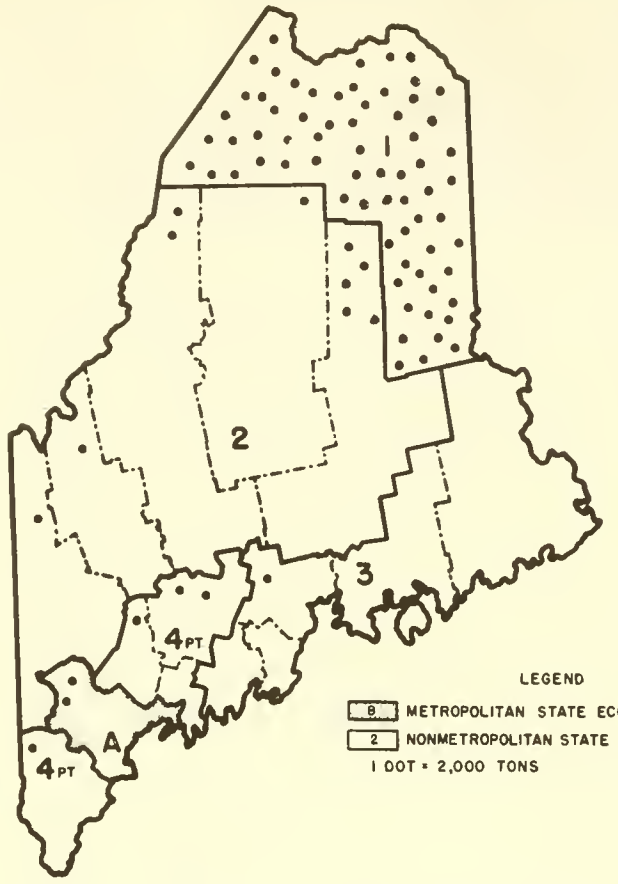
Z 0.05 percent or less.

LIME, BY ECONOMIC AREAS AND BY PARISHES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Cotton*	*Cotton*								
284	290	70	532	55	537	42	216	4,610	7.7	2,115	1
1,173	243	811	387	298	549	414	410	5,305	5.0	2,463	2
820	539	86	557	1,130	1,063	32	753	2,245	6.8	1,278	3
4	160	...	...	900	498	...	...	60	0.4	167	4
26	85	...	...	24	56	102	96	765	2.5	327	5
1,100	279	522	406	292	512	178	488	1,605	3.9	1,564	6
1,015	431	86	446	372	131	674	425	2,923	4.8	1,827	7
1,897	408	436	565	4,915	1,003	214	532	8,538	9.6	2,037	8
4,288	348	1,348	488	1,434	561	298	539	7,066	7.1	2,066	9
615	195	461	472	659	290	244	211	874	1.7	1,908	10
22	220	...	...	272	680	11	500	...	...	...	11
...	...	...	...	2	800	6	800	...	...	...	12
5	143	...	...	104	236	...	...	...	...	...	13
552	214	38	384	150	480	1,198	149	145	0.3	3,103	14
392	184	...	...	3	240	2,710	185	...	...	...	15
1,255	220	117	247	177	295	4,384	207	668	0.8	1,102	16
418	162	37	175	2	267	908	125	...	...	...	17
948	154	20	276	235	275	2,381	186	...	...	...	18
184	166	...	...	350	477	1,192	146	...	...	...	19
214	199	2	133	246	232	702	196	...	...	...	20
1,138	171	1,271	240	764	243	1,639	199	1,260	1.4	1,532	21
530	158	...	...	30	82	3,682	150	350	0.4	2,000	22
301	154	...	...	144	358	1,075	147	...	...	...	23
321	169	138	221	36	1,600	672	131	...	...	...	24
530	251	1,802	278	918	267	9,025	167	80	(Z)	1,875	25
259	352	176	471	67	448	3,374	199	380	0.5	2,668	26
29	181	12	218	70	483	7,851	191	2,039	0.7	1,571	27
70	189	17	231	2	800	1,480	165	245	0.4	1,143	28
31	323	54	396	69	258	10,786	176	768	0.3	1,859	29
345	162	592	252	94	228	11,966	173	1,155	0.4	2,251	30
416	355	48	436	104	362	460	133	2,197	3.0	2,585	31
795	315	1,644	292	123	444	540	336	2,419	1.5	1,787	32
413	287	391	290	66	373	64	294	1,025	1.9	1,454	33
843	383	286	395	156	436	82	359	465	1.1	2,667	34

MAINE

TONS OF FERTILIZER



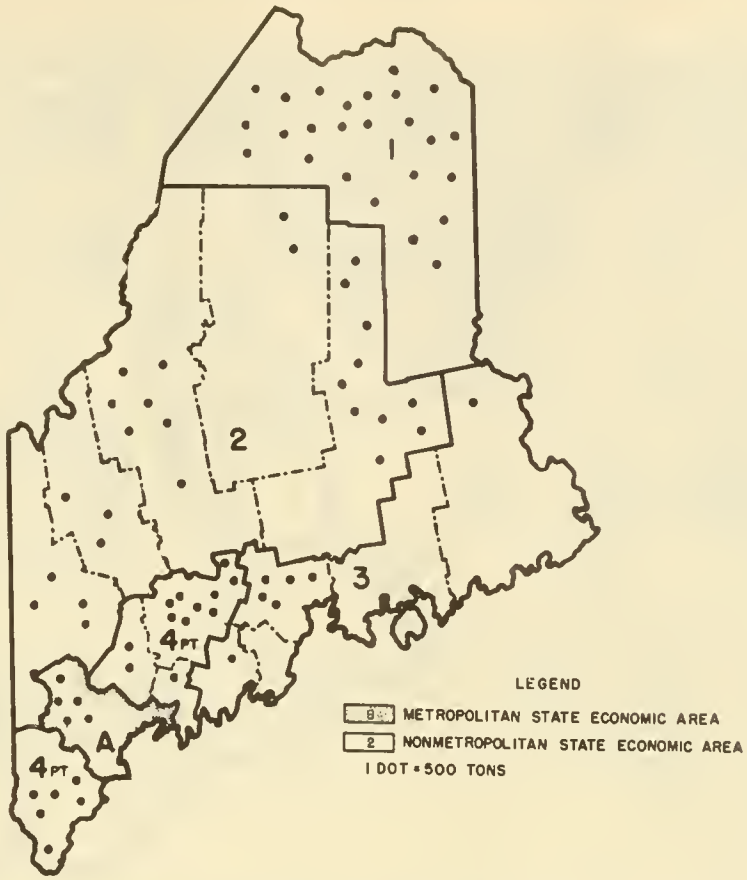
Map No. A54-420

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Maine, total	170,166	1,375	11,259	480	1,109	563	157,114	1,591
	Area 1:								
2	Aroostook	135,290	1,784	988	432	214	930	133,564	1,811
	Area 2:								
3	Franklin	1,499	614	685	570	99	756	700	643
4	Oxford	2,154	615	925	473	70	596	1,151	787
5	Penobscot	9,987	960	1,834	504	243	501	7,834	1,250
6	Piscataquis	2,324	912	354	421	47	895	1,923	1,175
7	Somerset	3,723	692	1,295	558	144	692	2,253	795
	Area 3:								
8	Hancock	428	659	159	754	6	800	263	611
9	Knox	284	602	116	516	26	495	142	730
10	Lincoln	334	468	168	373	11	237	153	695
11	Waldo	2,926	841	608	509	36	232	2,279	1,067
12	Washington	767	653	203	321	...	...	564	1,037
	Area 4:								
13	Androscoggin	1,738	484	804	373	35	400	879	663
14	Kennebec	3,330	530	1,177	437	58	380	2,114	614
15	Sagadahoc	292	506	190	466	6	343	96	632
16	York	1,826	714	1,046	607	38	585	741	973
	Metropolitan Area A:								
17	Cumberland	3,264	791	707	472	76	471	2,458	984

MAINE

TONS OF LIME



Map No. A54-421

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 3,331	*Corn* 693	*Tobacco* ...	*Tobacco* ...	146,884	1,886	6,899	430	55,835	4.3	1,452	1
98	1,568	...	...	130,086	2,071	3,380	311	29,088	7.6	850	2
220	663	...	...	302	545	178	881	1,287	3.1	2,140	3
190	693	...	...	775	787	186	910	1,463	2.6	2,462	4
756	811	...	...	5,980	1,673	1,098	623	6,123	4.8	1,667	5
112	830	...	...	1,645	1,377	166	541	1,065	3.3	2,000	6
388	673	...	...	1 251	851	614	779	3,211	3.3	2,297	7
50	763	...	...	204	591	9	450	268	0.7	985	8
19	809	...	...	103	749	20	597	235	0.8	1,915	9
65	833	...	...	72	535	16	2,133	468	1.3	1,829	10
404	708	...	...	1,441	1,416	434	793	2,205	3.5	2,056	11
...	...	...	...	401	1,296	163	695	382	0.7	2,257	12
193	621	...	...	548	738	138	506	889	1.6	2,517	13
216	477	...	...	1,572	681	326	478	3,170	2.9	2,874	14
26	1,209	...	...	57	530	13	565	260	1.2	2,423	15
286	757	...	...	373	1,070	82	2,343	2,145	3.2	2,821	16
308	517	...	...	2,074	1,130	76	1,152	3,576	4.9	1,478	17

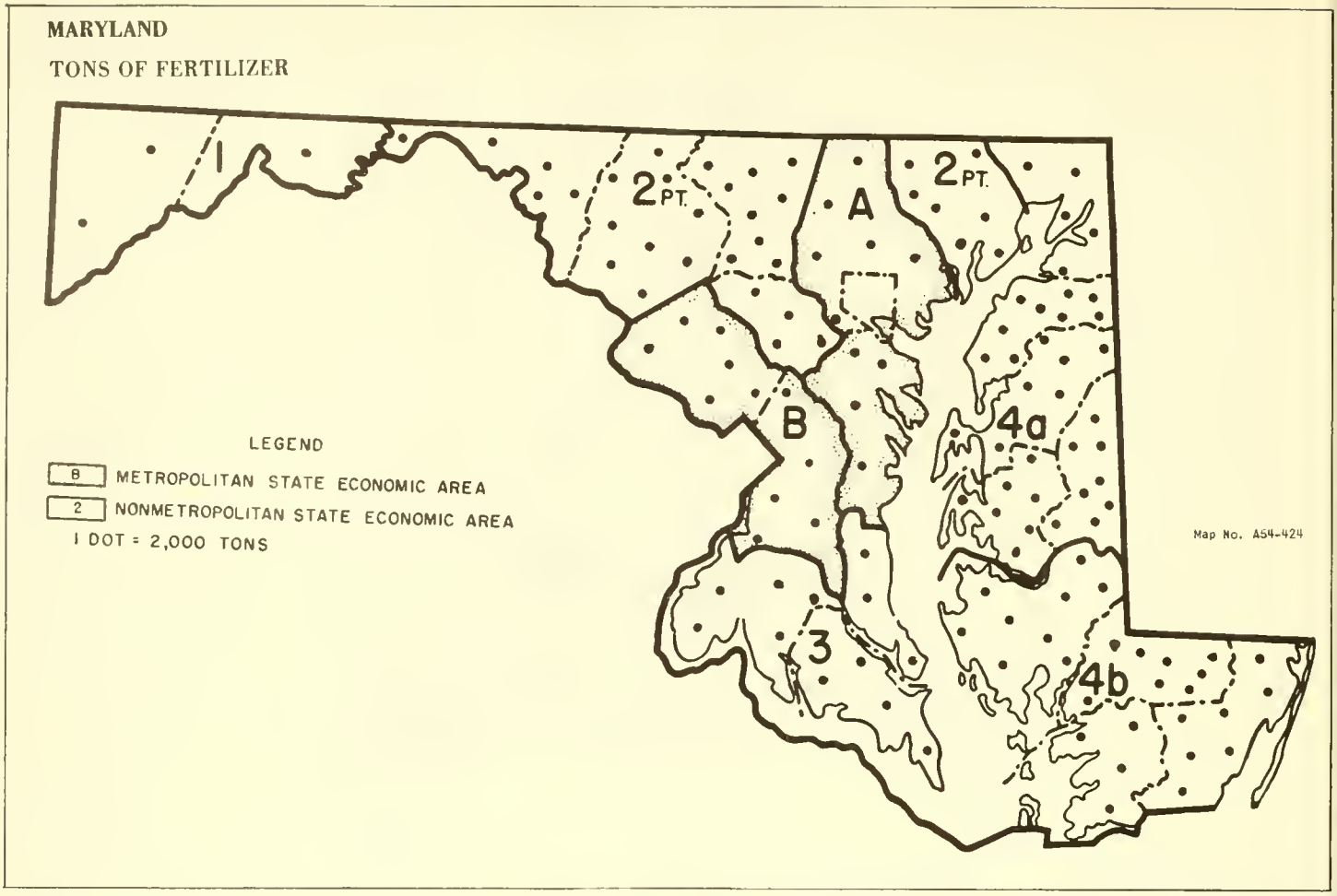
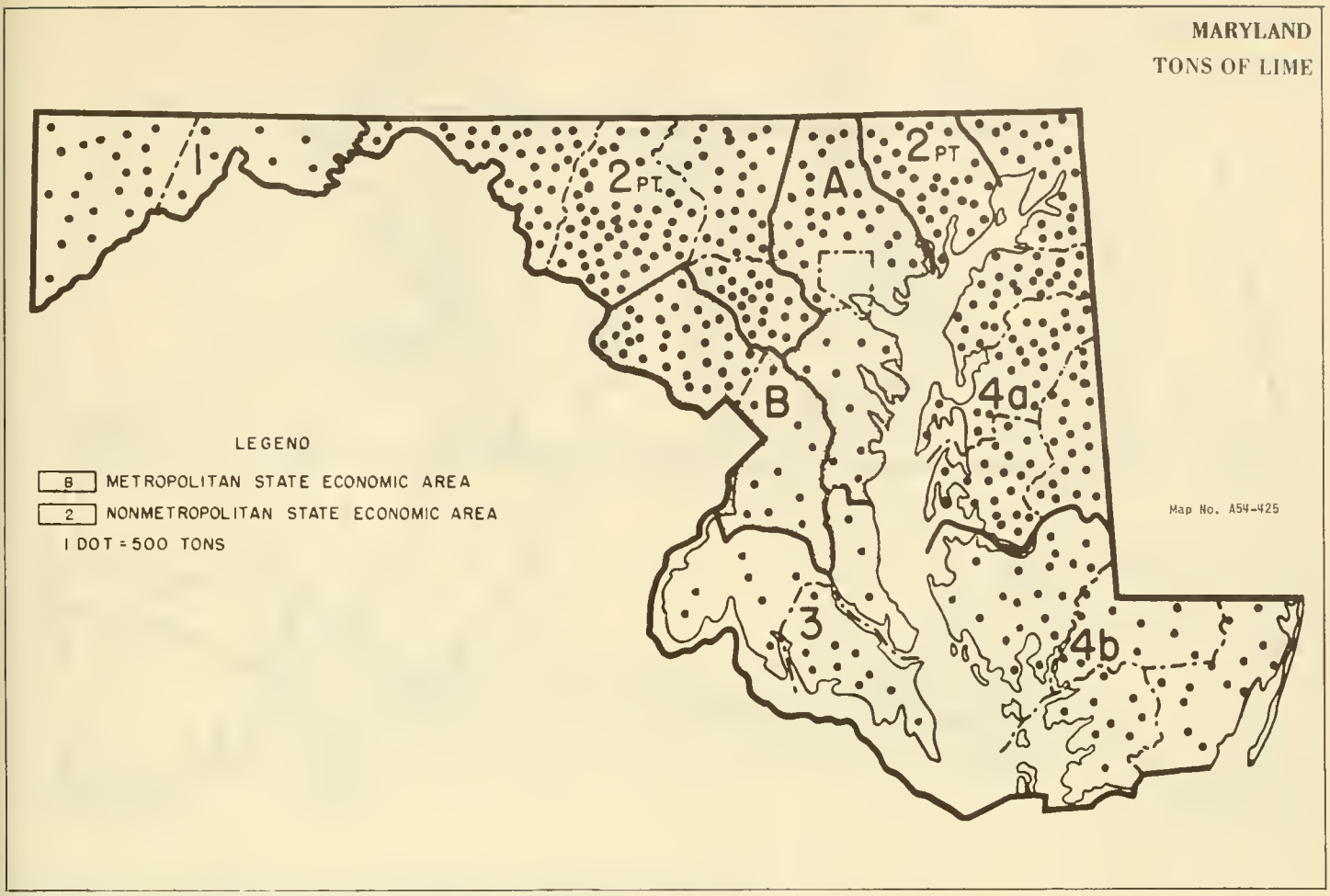


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Maryland, total	264,852	445	32,650	401	10,513	427	220,220	448
	Area 1:								
2	Allegany	1,294	335	305	354	12	267	975	331
3	Garrett	4,186	366	899	317	187	388	3,039	377
	Area 2:								
4	Carroll	18,169	392	2,354	409	942	385	14,745	384
5	Frederick	17,967	342	4,486	369	950	332	12,298	326
6	Harford	13,287	459	2,748	420	1,776	451	8,750	472
7	Howard	7,219	401	1,670	452	745	381	4,797	382
8	Washington	10,135	305	1,446	404	598	444	8,108	285
	Metropolitan Area A:								
9	Anne Arundel	8,878	672	467	429	88	525	8,329	696
10	Baltimore	12,916	484	2,116	395	1,713	554	9,061	495
11	Baltimore City								
	Metropolitan Area B:								
12	Montgomery	11,906	411	3,519	443	1,224	441	7,059	378
13	Prince Georges	9,367	612	872	441	138	293	8,292	651
	Area 3:								
14	Calvert	5,690	710	270	364	85	453	5,247	757
15	Charles	9,176	592	350	470	10	500	8,765	597
16	St Marys	7,741	488	216	309	50	488	7,367	481
	Area 4a:								
17	Caroline	15,269	432	1,115	408	176	319	13,870	425
18	Cecil	10,781	444	1,546	427	454	382	8,660	437
19	Kent	18,325	515	1,740	378	270	323	16,206	537
20	Queen Annes	13,820	340	1,771	343	230	388	11,669	333
21	Talbot	13,372	372	1,228	344	560	537	11,553	372
	Area 4b:								
22	Dorchester	18,069	435	476	354	43	358	17,549	440
23	Somerset	7,160	595	506	516	24	390	6,637	597
24	Wicomico	16,956	650	723	351	50	290	16,111	676
25	Worcester	13,169	499	1,827	558	188	1,011	11,133	490



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 87,065	*Corn* 382	*Wheat* 32,366	*Wheat* 378	38,275	864	62,514	469	230,877	10.3	1,899	1
333	321	155	372	224	425	263	272	1,870	4.3	3,596	2
1,064	359	490	393	260	1,507	1,225	333	6,510	9.3	3,065	3
5,876	337	3,862	404	1,491	437	3,516	439	12,710	7.8	2,049	4
4,801	278	3,587	328	1,010	794	2,900	354	23,075	10.9	2,014	5
4,340	473	1,250	498	1,126	628	2,034	403	12,470	12.0	2,264	6
1,738	323	1,356	470	132	368	1,571	400	10,412	14.9	2,013	7
3,238	286	2,501	285	878	298	1,491	274	9,296	6.7	3,034	8
1,915	422	199	445	1,302	936	4,913	880	6,265	11.7	1,502	9
2,924	417	1,415	454	2,082	757	2,640	486	16,825	13.1	1,677	10 11
3,198	342	2,244	426	196	260	1,421	433	17,817	13.8	1,792	12
1,767	410	344	441	456	970	5,725	799	5,338	6.2	1,900	13
844	440	99	460	18	655	4,286	899	1,935	4.8	1,581	14
2 919	403	840	403	76	1,086	4,930	934	2,975	4.1	2,296	15
2,520	359	1,126	431	37	1,057	3,684	652	5,599	8.7	1,729	16
5,918	385	1,834	374	3,323	839	2,795	332	13,044	12.8	1,489	17
4 240	423	1,492	354	1,209	758	1,719	431	9,979	10.0	2,140	18
9,009	470	1,574	368	4,116	1,306	1,507	422	12,468	11.2	2,117	19
6,126	317	2,694	335	610	515	2,239	342	13,241	9.7	1,719	20
5,876	376	3,052	377	829	604	1,796	304	9,446	9.8	2,089	21
5,555	490	1,984	412	3,064	1,028	6,946	335	12,812	12.7	1,585	22
2,543	502	46	622	2,564	1,015	1,484	431	5,318	11.4	1,737	23
4,653	385	72	545	9,548	1,212	1,838	492	10,217	12.9	1,027	24
5,668	399	150	526	3,724	1,009	1,591	352	11,255	13.4	1,148	25

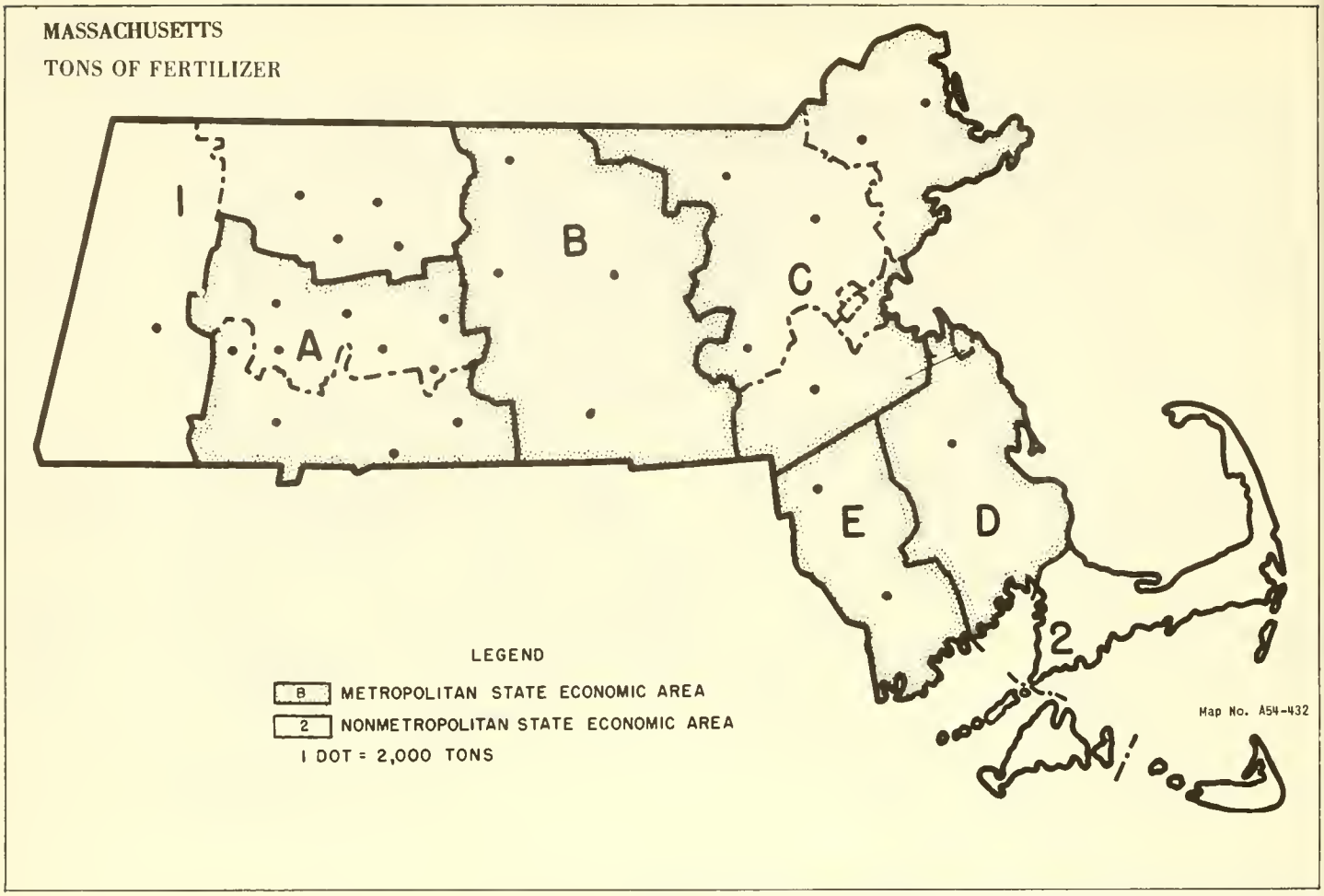
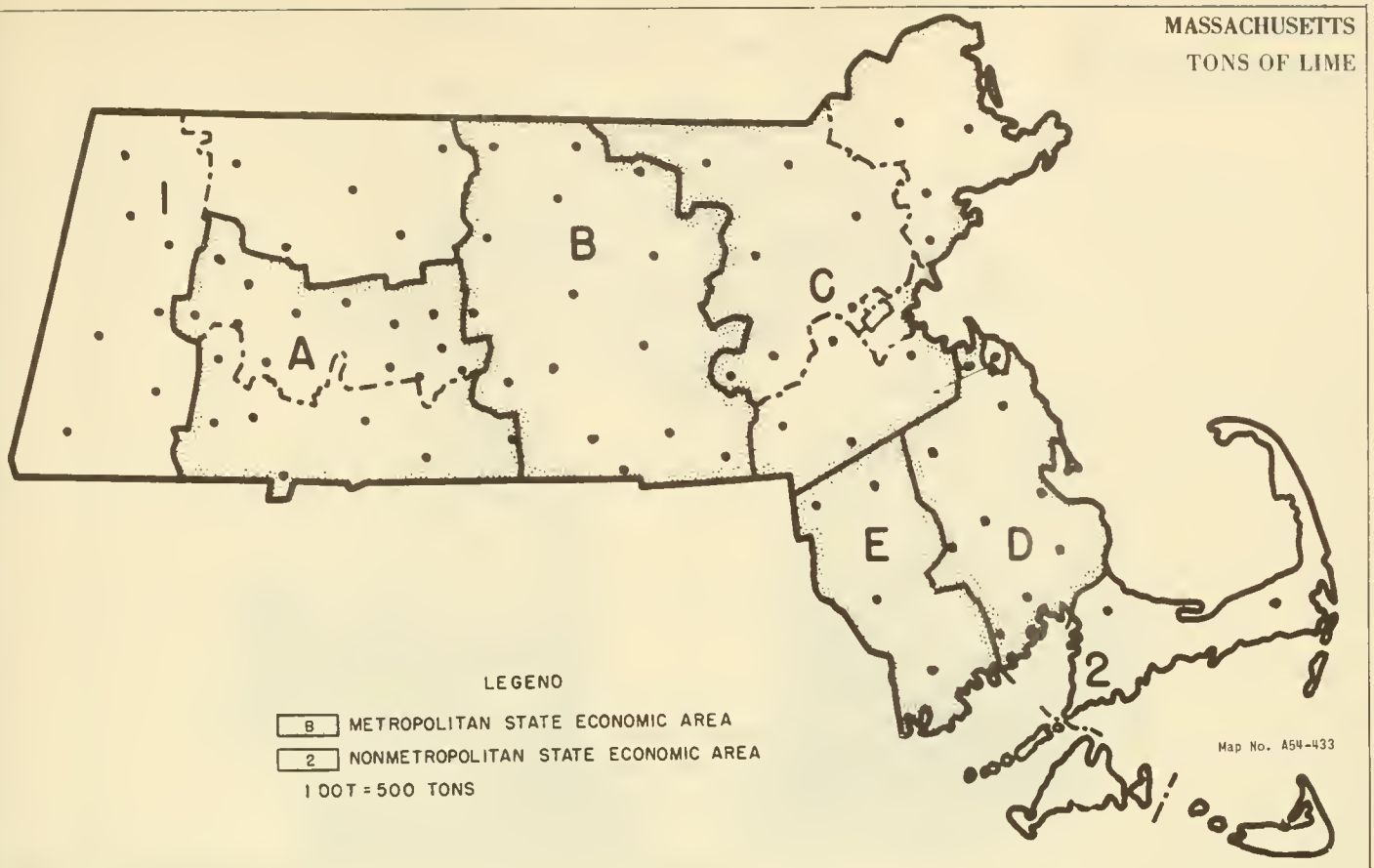


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Massachusetts, total	58,233	705	20,038	447	1,215	482	36,141	1,028
	Area 1:								
2	Berkshire	2,281	464	1,310	430	102	325	864	560
3	Franklin	7,844	971	1,546	413	166	647	6,141	1,526
	Metropolitan Area A:								
4	Hampden	8,727	1,340	934	339	152	507	7,545	2,183
5	Hampshire	12,012	916	3,299	438	124	529	7,752	1,458
	Metropolitan Area B:								
6	Worcester	7,514	471	4,684	443	374	469	2,457	540
	Metropolitan Area C:								
7	Essex	3,388	659	1,364	472	28	311	2,014	938
8	Middlesex	6,861	608	2,666	458	140	538	4,042	776
9	Norfolk	1,666	557	1,030	535	58	446	580	621
10	Suffolk	9	900	...	...	...	...	9	900
	Area 2:								
11	Barnstable	693	467	75	566	6	800	612	459
12	Dukes	475	872	345	715	...	...	117	1,872
13	Nantucket	10	235	5	133	...	...	5	1,000
	Metropolitan Area D:								
14	Plymouth	2,704	448	1,357	459	28	350	1,339	425
	Metropolitan Area E:								
15	Bristol	4,049	627	1,423	483	37	747	2,664	782



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 6,622	*Corn* 598	*Tobacco* 9,204	*Tobacco* 3,316	17,217	1,057	3,098	618	33,098	5.9	2,326	1
569	516	...	...	67	827	228	638	2,477	3.4	2,809	2
904	641	2,594	3,290	2,551	1,464	92	1,115	1,883	3.2	2,413	3
570	588	3,814	4,371	3,094	2,032	67	736	4,345	10.7	1,707	4
1,218	739	2,796	2,508	3,216	1,584	522	994	4,680	8.2	2,782	5
832	512	...	...	1,354	530	271	735	5,427	4.3	2,678	6
304	560	...	...	1,436	1,165	274	736	2,401	14.5	1,670	7
590	604	...	...	2,962	748	490	1,782	3,819	6.3	1,757	8
122	571	...	...	214	696	244	592	2,078	10.3	2,178	9
...	...	...	...	...	...	9	900	...	...	...	10
106	1,247	...	...	286	424	220	384	560	7.1	2,982	11
2	267	...	...	100	2,000	15	3,000	100	3.2	4,000	12
...	...	...	...	5	1,000	...	...	...	...	...	13
367	624	...	...	498	453	474	324	3,298	9.6	2,681	14
1,038	546	...	...	1,434	1,396	192	402	2,030	5.1	2,148	15

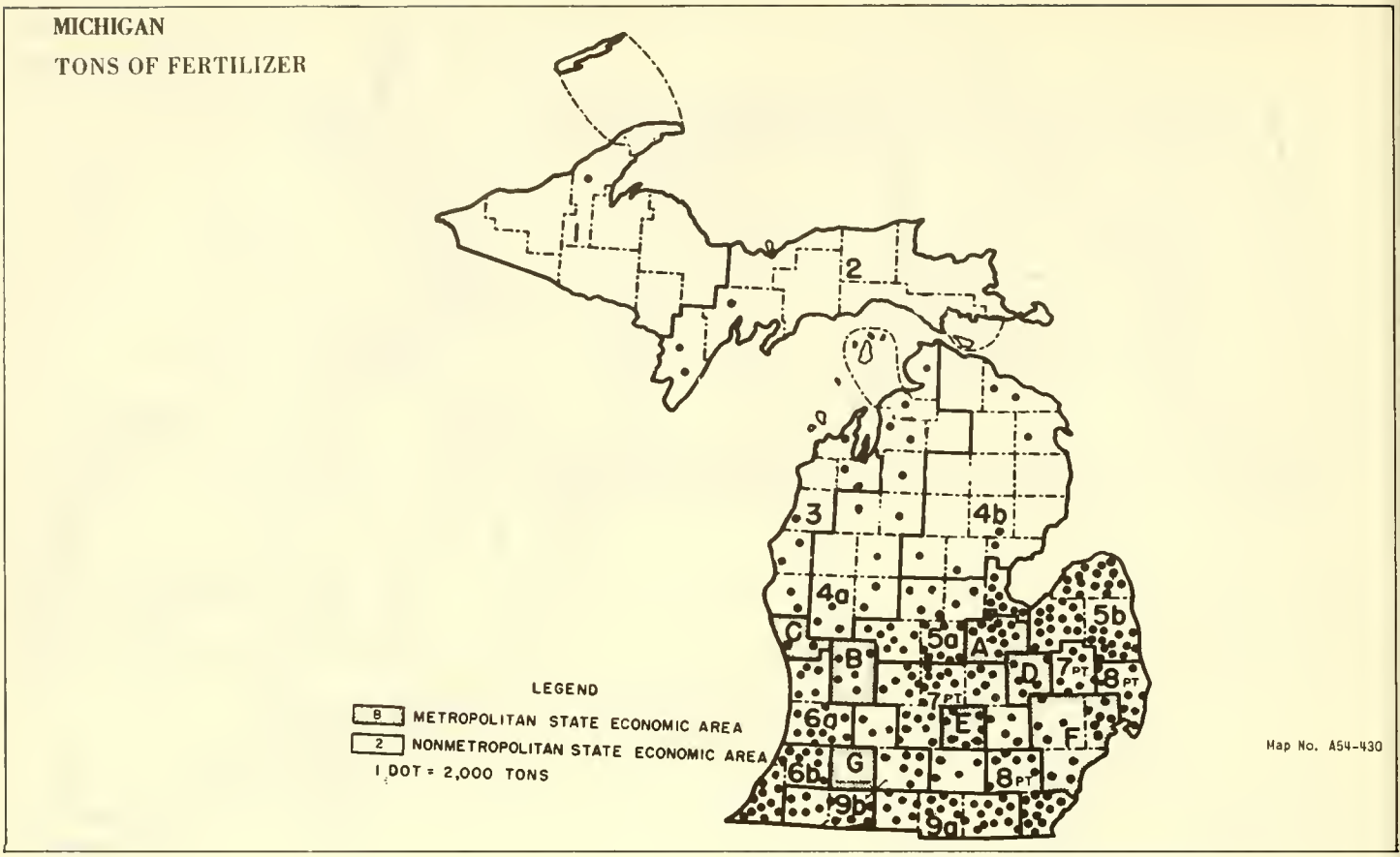
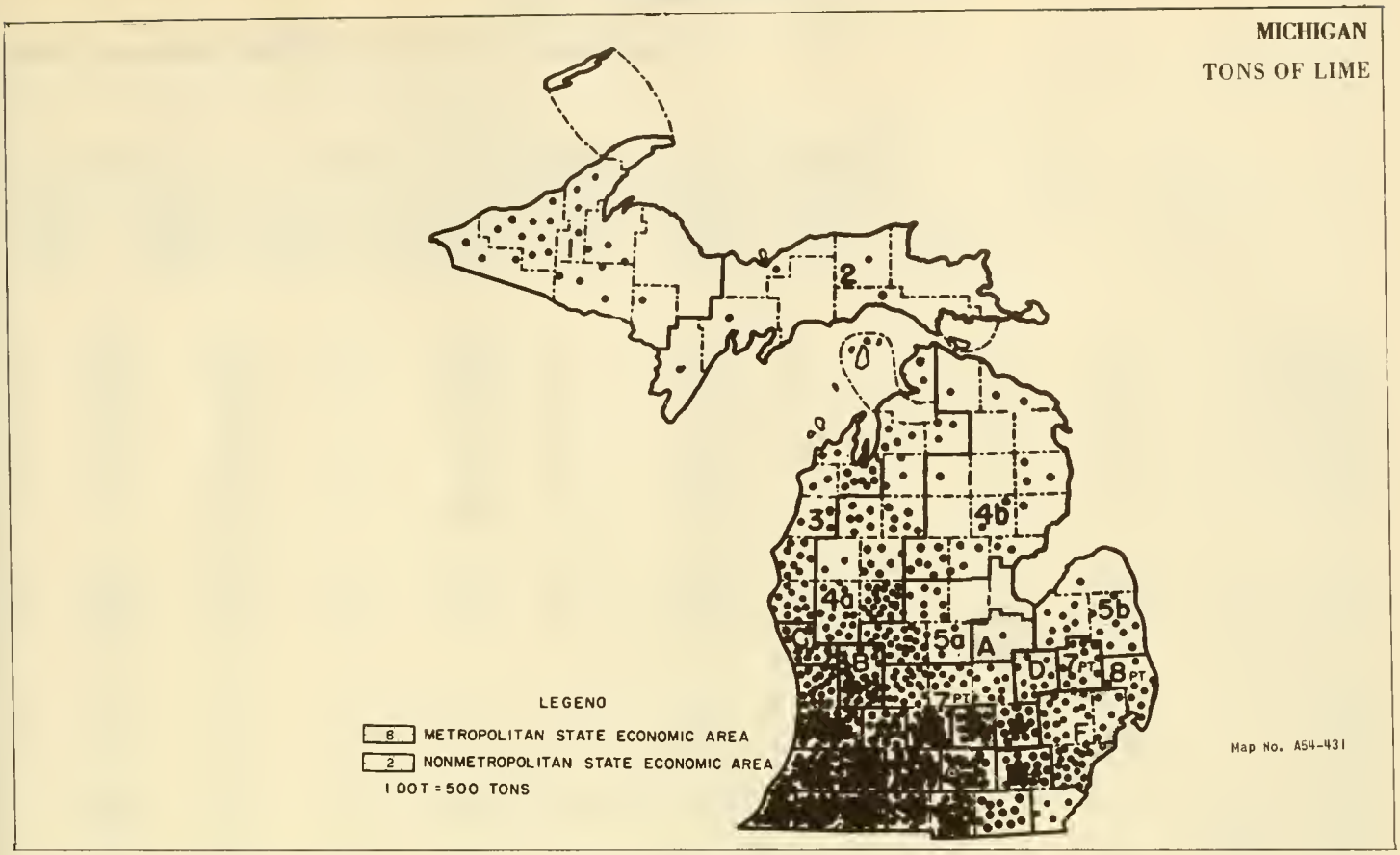


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Michigan, total	567,719	251	42,953	255	2,828	241	517,835	249
	Area 1:								
2	Baraga	173	315	16	200	3	240	154	337
3	Dickinson	775	368	101	157	...	...	673	461
4	Gogebic	122	330	28	311	...	...	94	336
5	Houghton	1,029	342	12	229	5	200	1,012	345
6	Iron	254	403	88	263	1	400	165	564
7	Keweenaw	...	...	...	...	...	...	...	...
8	Marquette	604	345	90	186	...	...	514	406
9	Ontonagon	291	306	22	215	...	...	269	317
	Area 2:								
10	Alger	486	273	90	182	5	250	387	307
11	Chippewa	793	189	102	167	...	...	689	191
12	Delta	1,502	277	233	218	5	2,000	1,261	289
13	Luce	588	395	32	125	...	...	555	450
14	Mackinac	102	255	33	210	5	200	64	294
15	Menominee	3,038	260	728	229	46	198	2,271	271
16	Schoolcraft	406	476	33	200	...	...	374	543
	Area 3:								
17	Benzie	998	310	120	361	...	...	878	304
18	Grand Traverse	3,090	266	382	225	42	400	2,654	271
19	Leelanau	2,220	315	209	237	16	237	1,998	327
20	Manistee	1,648	325	94	200	16	213	1,498	334
21	Mason	3,364	276	270	320	24	267	3,054	273
22	Oceana	4,830	267	728	273	56	291	3,986	261
	Area 4a:								
23	Antrim	3,096	335	304	282	55	214	2,734	343
24	Charlevoix	1,673	296	464	358	29	290	1,186	271
25	Emmet	1,678	315	202	262	30	500	1,441	321
26	Kalkaska	1,348	294	82	277	4	400	1,261	295
27	Lake	346	268	12	166	...	...	334	270
28	Mecosta	3,396	218	314	233	38	190	3,058	218
29	Missaukee	1,797	224	230	192	4	70	1,537	226
30	Newaygo	5,467	349	190	223	12	240	5,234	348
31	Osceola	2,132	251	189	191	5	222	1,936	258
32	Otsego	742	281	28	190	30	375	688	285
33	Wexford	1,018	280	120	304	13	473	888	275

Z 0.05 percent or less.



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay					
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Corn 160,653	*Corn* 206	*Oats* 110,297	*Oats* 222	68,706	541	178,179	263	225,014	2.1	3,913	1
...	...	126	298	22	978	6	480	690	3.6	3,913	2
142	337	169	284	319	869	43	566	225	1.0	4,178	3
...	...	46	323	29	682	19	200	495	3.5	5,111	4
26	945	583	251	327	890	76	362	1,000	1.7	4,420	5
...	...	99	435	65	1,130	1	133	835	2.9	5,210	6
...	...	...	...	...	...	...	...	...	...	...	7
22	710	204	269	248	591	40	696	300	1.2	1,400	8
8	800	221	297	12	960	28	350	1,515	3.7	5,987	9
...	...	195	275	122	407	70	276	355	2.0	1,961	10
...	...	496	178	12	329	181	231	20	(Z)	1,000	11
190	293	716	233	216	599	139	490	145	(Z)	4,138	12
1	200	160	303	292	905	102	270	305	2.9	2,295	13
...	...	44	238	2	267	18	720	270	1.2	2,667	14
732	285	1,345	254	103	479	91	317	360	(Z)	2,111	15
4	400	107	287	248	924	15	400	135	0.9	3,185	16
74	161	68	316	669	322	67	487	475	1.5	5,179	17
640	205	589	256	1,203	337	222	274	1,810	2.0	3,923	18
368	254	396	257	1,110	408	124	314	450	0.7	3,778	19
284	197	183	251	809	463	222	395	1,305	2.2	2,651	20
696	197	704	227	1,178	459	476	241	2,520	2.6	3,734	21
858	184	582	259	1,938	321	608	263	3,065	2.6	3,915	22
654	259	868	280	802	704	410	336	1,520	2.2	2,722	23
241	231	464	258	218	315	263	312	175	0.3	2,286	24
171	225	608	280	256	661	406	347	970	1.7	1,711	25
371	193	388	289	198	757	304	404	805	2.1	3,118	26
100	213	136	272	40	381	58	354	373	1.3	4,075	27
950	187	952	221	280	259	876	245	3,873	2.8	5,879	28
400	187	642	235	125	538	370	220	2,445	2.8	2,446	29
942	161	852	243	2,402	878	1,038	352	3,765	2.9	3,490	30
460	209	713	227	242	676	521	289	2,985	2.6	2,228	31
102	214	268	233	221	520	97	268	990	2.9	2,812	32
324	210	257	303	81	549	226	324	2,115	3.2	2,879	33

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Michigan—Continued								
	Area 4b:								
1	Alcona	522	231	90	231	10	200	412	225
2	Alpena	1,772	257	128	278	...	...	1,638	254
3	Arenac	2,990	250	336	267	48	249	2,583	245
4	Cheboygan	840	240	170	227	55	220	601	246
5	Clare	1,086	226	52	202	...	...	1,032	227
6	Crawford	94	327	16	234	...	...	78	356
7	Gladwin	1,788	217	80	189	6	300	1,683	214
8	Iosco	888	263	170	409	...	...	718	240
9	Montmorency	108	200	29	341	5	667	74	166
10	Ogemaw	1,206	212	101	204	12	209	1,094	214
11	Oscoda	156	209	18	162	20	205	118	220
12	Presque Isle	3,024	276	249	182	5	133	2,764	291
13	Roscommon	10	133	...	...	...	...	10	133
	Area 5a:								
14	Bay	14,166	310	1,034	241	22	293	12,970	316
15	Gratiot	16,581	220	1,504	238	10	133	15,002	218
16	Isabella	7,097	197	670	210	10	200	6,349	192
17	Midland	4,375	201	266	263	8	267	4,025	193
18	Montcalm	13,007	296	966	327	124	236	11,658	292
	Metropolitan Area A:								
19	Saginaw	21,602	244	2,007	263	15	130	19,360	242
	Area 5b:								
20	Huron	27,166	223	2,532	228	15	133	24,465	225
21	Sanilac	23,029	227	1,987	281	10	160	20,752	220
22	Tuscola	27,448	270	1,638	237	...	...	25,464	271
	Area 6a:								
23	Allegan	17,420	298	891	296	53	196	16,256	292
24	Ottawa	10,641	251	611	234	52	169	9,862	246
	Metropolitan Area B:								
25	Kent	10,904	252	928	294	72	702	9,863	250
	Metropolitan Area C:								
26	Muskegon	3,480	309	140	230	20	1,143	3,264	315
	Area 6b:								
27	Berrien	21,931	351	1,049	279	95	226	20,769	354
28	Van Buren	14,592	314	1,034	263	110	259	13,172	313
	Area 7:								
29	Clinton	15,490	235	1,268	279	114	265	14,032	228
30	Eaton	13,108	214	688	265	102	416	12,073	207
31	Ionia	11,216	232	636	317	90	201	10,442	228
32	Jackson	8,544	233	634	251	44	341	7,826	227
33	Lapeer	11,889	242	817	240	113	197	10,820	243
34	Livingston	7,493	226	408	262	60	414	6,924	220
35	Shiawassee	11,780	203	970	214	58	221	10,690	202
	Metropolitan Area D:								
36	Genesee	10,562	241	852	278	80	281	9,483	238
	Metropolitan Area E:								
37	Ingham	13,032	235	904	241	74	243	11,917	231
	Area 8:								
38	Monroe	22,248	274	822	258	12	369	21,203	276
39	St. Clair	13,430	254	786	240	85	256	12,432	253
40	Washtenaw	11,876	215	815	213	56	185	10,810	214
	Metropolitan Area F:								
41	Macomb	11,502	298	1,006	267	10	500	10,422	303
42	Oakland	7,629	266	910	271	98	181	6,531	264
43	Wayne	5,289	264	187	231	6	200	5,056	264
	Area 9a:								
44	Branch	11,222	218	810	260	50	238	11,265	229
45	Hillsdale	11,088	213	1,022	258	62	184	9,852	209
46	Lenawee	24,378	254	1,231	297	48	409	22,950	250
	Area 9b:								
47	Barry	6,623	226	494	246	130	284	6,000	223
48	Calhoun	12,325	242	854	272	96	137	11,357	239
49	Cass	9,047	243	852	298	56	477	7,978	232
50	St. Joseph	10,048	224	1,107	270	64	272	8,696	219
	Metropolitan Area G:								
51	Kalamazoo	10,971	268	638	264	99	219	10,193	265

Z 0.05 percent or less.

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Oats*	*Oats*								
28	170	206	221	8	640	170	236	910	1.7	3,615	1
158	222	728	218	182	528	570	280	160	(Z)	1,750	2
658	188	787	239	182	707	956	274	525	0.7	3,733	3
136	275	270	247	91	193	104	270	305	0.6	3,770	4
314	188	453	256	2	267	263	238	2,158	3.7	3,062	5
9	400	40	310	5	333	24	457	165	3.7	3,273	6
640	173	520	223	51	300	472	282	1,150	1.5	3,226	7
240	225	316	256	40	479	122	200	205	0.4	5,795	8
2	100	44	185	14	151	14	147	...	...	...	9
344	177	484	199	10	500	256	351	565	0.9	3,547	10
16	178	48	207	4	800	50	238	...	...	...	11
150	275	918	222	1,119	493	577	227	235	0.4	6,681	12
5	100	5	200	...	...	...	...	...	...	...	13
1,796	217	1,623	240	3,053	741	6,498	297	95	0.1	3,474	14
5,305	199	2,734	219	262	290	6,701	234	1,240	0.5	1,371	15
2,149	162	1,759	187	135	274	2,306	235	2,095	1.0	3,566	16
1,488	197	772	213	97	269	1,668	179	85	0.1	2,824	17
2,452	194	2,136	223	2,426	625	4,644	335	7,250	3.3	3,327	18
4,889	221	2,805	216	905	385	10,761	253	455	0.2	2,132	19
3,443	254	4,836	219	104	251	16,082	221	440	0.1	1,568	20
4,328	199	6,234	199	604	363	9,586	242	2,095	0.5	3,680	21
6,070	248	4,154	238	840	889	14,400	281	1,850	0.6	3,816	22
5,115	220	3,206	230	4,089	655	3,846	312	9,650	3.7	4,151	23
3,121	190	2,573	214	1,556	504	2,612	305	4,315	2.3	4,287	24
2,877	208	2,207	202	2,559	439	2,220	251	10,705	4.2	3,125	25
858	211	712	236	1,062	938	632	293	1,670	2.2	5,820	26
4,863	260	1,877	241	10,934	502	3,095	295	11,071	5.1	3,994	27
4,497	234	1,346	233	5,101	491	2,228	330	6,827	3.3	3,839	28
4,120	171	3,410	198	332	334	6,170	322	2,880	1.2	3,164	29
4,446	177	3,157	193	358	568	4,112	256	7,700	3.4	3,212	30
3,516	188	2,908	215	744	876	3,274	258	5,465	2.4	3,462	31
3,052	178	1,590	213	1,166	734	2,018	245	7,148	3.3	3,433	32
3,470	195	3,120	229	1,241	710	2,989	263	2,318	1.0	4,174	33
2,600	183	1,582	213	108	645	2,634	274	4,195	2.4	3,677	34
2,886	167	2,668	203	284	363	4,852	224	2,090	0.9	4,522	35
2,917	209	2,482	230	444	550	3,640	254	2,840	1.4	3,134	36
5,141	202	2,847	224	485	499	3,444	275	4,765	2.4	3,096	37
8,239	239	2,136	226	2,384	677	8,444	288	2,740	1.2	1,569	38
3,714	215	2,802	217	1,436	656	4,480	268	2,990	1.2	2,686	39
4,738	193	2,436	193	580	473	3,056	251	9,490	3.8	1,986	40
3,335	229	1,666	224	3,361	739	2,060	263	2,005	1.5	2,544	41
2,627	214	1,409	236	988	706	1,507	294	4,060	2.4	3,893	42
2,524	245	490	261	660	495	1,382	245	485	0.7	3,464	43
4,914	187	3,255	300	138	620	2,958	249	5,240	2.7	5,162	44
4,430	180	2,518	223	202	344	2,702	255	5,465	2.4	4,737	45
11,799	233	3,984	237	924	710	6,243	272	4,310	1.3	2,754	46
1,964	186	1,719	207	153	850	2,164	276	4,790	2.7	3,929	47
4,384	190	2,177	207	1,444	808	3,352	275	11,365	4.7	3,197	48
2,924	190	1,642	202	990	544	2,422	266	8,665	5.0	6,382	49
4,056	195	1,505	224	211	127	2,924	254	12,115	6.0	5,246	50
4,146	235	1,820	227	849	671	3,378	293	9,381	5.1	8,046	51

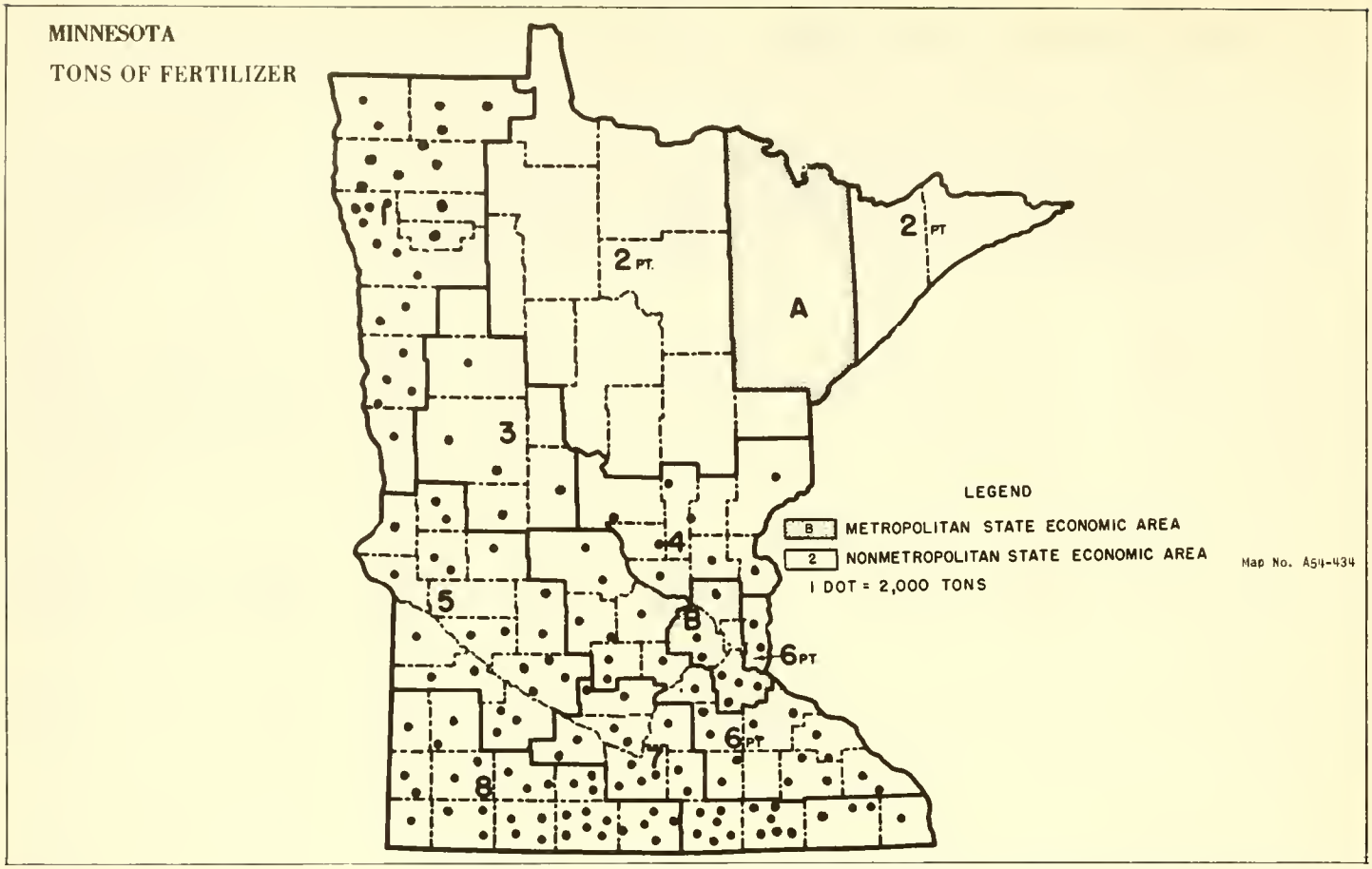


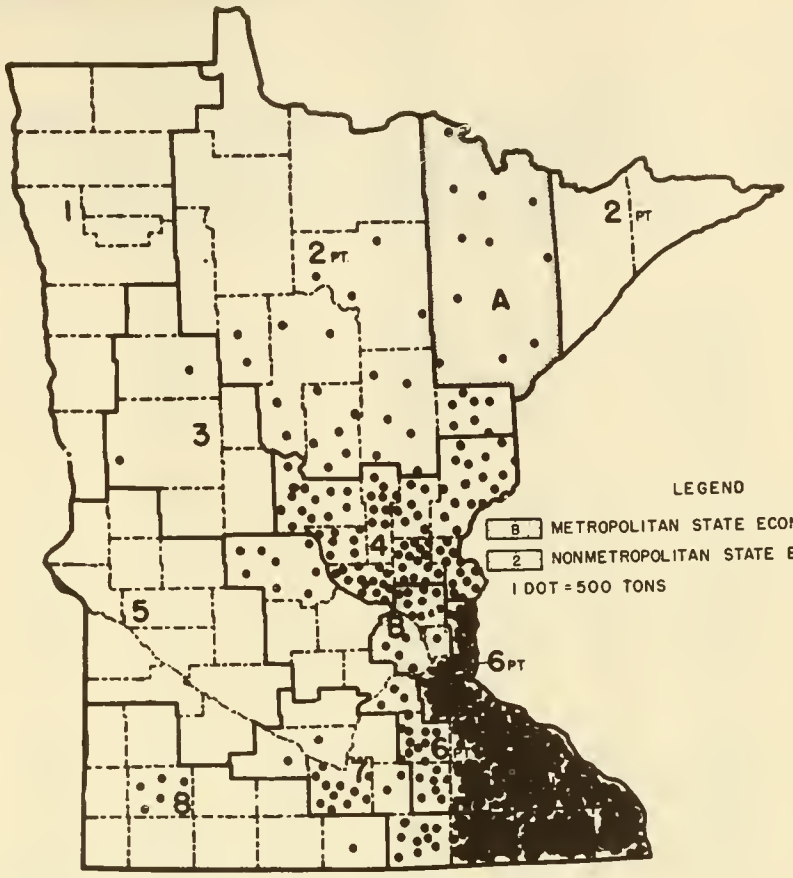
Table 1.-USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Minnesota, total	317,131	151	41,588	206	2,902	167	271,738	145
	Area 1:								
2	Clay	7,481	114	552	143	49	131	6,796	112
3	Kittson	4,841	76	134	133	6	79	4,693	76
4	Marshall	10,148	91	593	121	50	150	9,462	89
5	Norman	3,726	97	700	151	5	185	3,021	90
6	Pennington	1,966	81	217	128	31	84	1,718	77
7	Polk	14,870	90	1,044	127	122	121	13,631	87
8	Red Lake	1,527	98	233	152	20	167	1,271	90
9	Roseau	5,254	95	508	139	85	223	4,656	91
10	Wilkin	2,153	120	419	151	14	122	1,716	113
	Area 2:								
11	Aitkin	484	173	72	83	...	...	407	210
12	Beltrami	718	153	134	184	1	200	584	149
13	Carlton	454	346	78	299	39	433	337	351
14	Cass	704	179	203	492	10	308	491	141
15	Clearwater	378	176	108	250	6	267	264	156
16	Cook	...	...	...	...	...	...	...	...
17	Crow Wing	536	137	45	134	2	200	489	136
18	Hubbard	888	137	118	230	9	65	761	131
19	Itasca	300	303	54	177	2	200	247	365
20	Koochiching	253	246	74	293	...	...	179	230
21	Lake	10	333	...	...	...	...	10	333
22	Lake of the Woods	388	205	48	270	...	...	340	199
	Metropolitan Area:								
23	St. Louis	580	261	70	239	6	141	504	267
	Area 3:								
24	Becker	2,253	98	628	122	32	83	1,601	91
25	Douglas	1,416	163	404	223	10	267	995	145
26	Mahnomen	607	127	278	174	4	229	325	103
27	Otter Tail	3,569	148	976	202	36	155	2,525	129
28	Todd	2,438	130	322	208	...	...	2,115	123
29	Wadena	780	109	138	308	...	...	642	96

Z 0.05 percent or less.

MINNESOTA

TONS OF LIME



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 170,222	*Corn* 155	*Oats* 36,339	*Oats* 144	17,395	301	47,782	103	197,177	0.9	3,883	1
1,082	122	730	.79	1,343	205	3,641	101	...	...	...	2
57	95	823	77	564	277	3,249	67	...	...	...	3
206	117	1,477	76	1,332	297	6,447	80	100	(Z)	1,100	4
606	123	531	97	201	186	1,683	76	10	(Z)	1,000	5
122	110	815	71	22	124	759	79	...	...	...	6
556	128	1,506	72	1,865	237	9,704	79	90	(Z)	1,556	7
194	123	506	71	134	219	437	93	...	...	...	8
95	112	1,017	101	24	229	3,520	87	20	(Z)	200	9
789	121	186	96	145	274	596	97	16	(Z)	2,000	10
143	196	160	212	18	610	86	205	2,030	2.1	3,074	11
78	168	306	151	40	333	160	121	...	...	...	12
34	332	154	288	99	495	50	408	3,145	3.8	2,321	13
401	131	58	178	6	267	26	335	1,385	1.4	2,939	14
64	152	96	108	51	600	53	180	30	(Z)	267	15
...	...	...	...	...	...	...	...	...	...	...	16
389	117	48	204	6	1,200	46	1,840	1,470	2.0	4,068	17
594	121	162	181	...	...	5	286	495	0.5	4,364	18
53	259	52	248	99	574	43	478	1,150	1.6	3,243	19
8	200	54	182	10	190	107	276	...	...	...	20
...	...	3	200	5	1,000	2	200	135	2.9	3,630	21
9	150	108	144	90	359	133	204	...	...	...	22
35	393	192	196	119	420	158	294	2,745	1.8	3,982	23
642	114	446	84	67	119	446	74	300	0.1	2,733	24
822	134	92	250	...	...	81	231	45	(Z)	667	25
114	121	70	73	35	219	106	95	...	...	...	26
2,034	120	303	233	12	400	176	139	480	0.1	3,042	27
1,924	117	155	228	6	400	30	231	130	(Z)	2,846	28
586	92	21	118	...	...	35	233	1,820	1.5	2,115	29

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Minnesota—Continued								
	Area 4:								
1	Benton	2,607	154	171	174	8	229	2,428	153
2	Chisago	2,354	165	197	242	24	69	2,132	163
3	Isanti	2,622	185	260	206	16	128	2,346	184
4	Kanabec	1,343	171	96	323	15	500	1,229	163
5	Mille Lacs	1,910	168	96	184	8	246	1,806	167
6	Morrison	2,728	138	219	175	10	174	2,488	134
7	Pine	1,852	173	172	247	16	221	1,659	167
8	Sherburne	2,121	154	467	214	12	160	1,642	143
	Area 5:								
9	Big Stone	1,341	194	424	205	4	114	907	189
10	Chippewa	4,388	186	748	242	25	196	3,556	173
11	Grant	3,216	115	803	154	34	69	2,358	106
12	Kandiyohi	4,264	175	1,170	221	60	189	3,014	159
13	Lac qui Parle	2,888	194	674	248	28	220	2,191	178
14	Pope	2,494	166	696	222	12	107	1,753	148
15	Redwood	5,902	186	854	237	70	209	4,973	177
16	Renville	7,316	176	1,213	230	77	150	6,023	169
17	Stevens	3,289	170	705	220	130	177	2,454	159
18	Swift	4,078	166	981	174	34	227	3,053	162
19	Traverse	1,729	139	455	190	18	114	1,254	127
20	Yellow Medicine	3,837	178	642	211	24	220	3,174	173
	Area 6:								
21	Carver	1,097	186	212	227	20	195	861	177
22	Dodge	5,684	165	458	241	48	196	5,175	160
23	Goodhue	4,291	167	341	218	68	162	3,882	167
24	McLeod	3,145	195	924	255	25	137	2,203	178
25	Meeker	3,194	158	718	248	2	114	2,474	142
26	Olmsted	5,125	158	203	233	6	267	4,924	155
27	Rice	3,726	181	401	311	70	97	3,230	173
28	Scott	1,034	165	141	248	...	...	893	157
29	Stearns	3,149	161	518	222	64	147	2,570	153
30	Steele	4,990	181	261	260	4	145	4,725	177
31	Wabasha	3,010	151	133	177	11	138	2,865	150
32	Washington	3,064	171	236	184	32	210	2,781	166
33	Winona	3,995	170	350	304	50	207	3,598	163
34	Wright	2,572	184	146	264	60	216	2,362	179
	Metropolitan Area B:								
35	Anoka	2,382	223	271	225	9	144	2,077	217
36	Dakota	7,255	186	758	238	92	239	6,354	179
37	Hennepin	4,918	354	231	214	50	198	4,548	367
38	Ramsey	194	312	3	55	...	...	189	335
	Area 7:								
39	Blue Earth	8,113	208	696	261	38	208	7,380	204
40	Brown	4,308	201	667	259	125	331	3,490	188
41	Fillmore	5,305	149	130	264	10	133	5,163	146
42	Freeborn	12,807	201	750	255	82	254	11,974	199
43	Houston	2,246	155	166	204	38	173	2,043	152
44	Le Sueur	2,785	199	178	235	21	165	2,599	198
45	Mower	11,699	170	302	250	38	120	11,409	169
46	Nicollet	4,380	199	682	278	38	317	3,659	188
47	Sibley	3,913	194	663	267	60	192	3,166	181
48	Waseca	3,765	211	220	235	22	144	3,509	209
	Area 8:								
49	Cottonwood	5,612	161	1,000	204	25	250	4,536	154
50	Faribault	9,918	192	1,189	242	134	253	8,564	186
51	Jackson	8,317	168	1,426	229	54	131	6,836	159
52	Lincoln	2,123	178	739	197	5	200	1,380	167
53	Lyon	4,776	164	1,178	223	81	145	3,437	147
54	Martin	12,246	174	1,746	215	92	157	10,335	165
55	Murray	4,511	140	900	191	22	166	3,558	131
56	Nobles	5,086	158	1,407	222	115	183	3,552	140
57	Pipestone	3,297	153	742	243	18	206	2,537	138
58	Rock	2,760	148	438	173	92	121	2,230	145
59	Watonwan	5,338	192	871	251	17	272	4,450	184

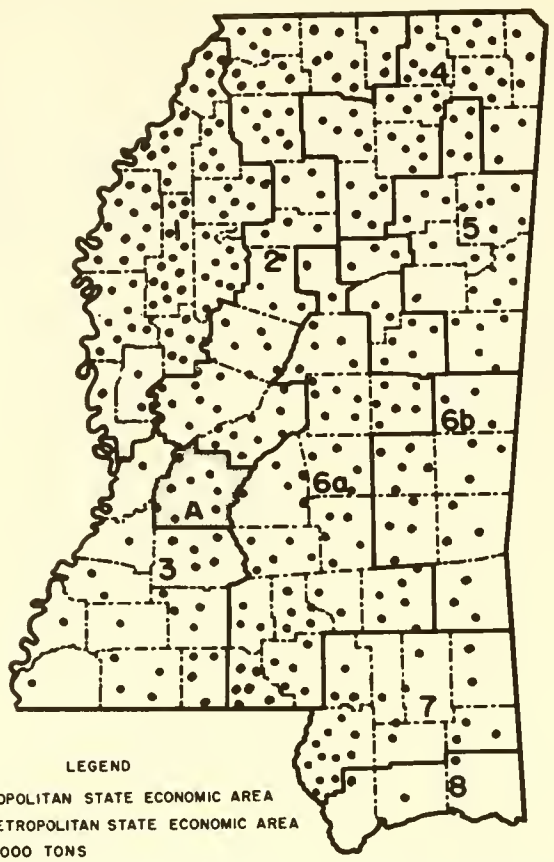
Z 0.05 percent or less

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Oats*	*Oats*								
2,104	146	248	205	...	...	76	264	2,028	1.5	3,383	1
1,790	161	214	206	4	800	124	140	3,575	2.9	3,276	2
1,553	175	223	160	262	540	308	156	3,772	2.9	3,780	3
1,082	166	136	145	4	320	7	187	2,375	2.8	3,078	4
1,467	156	254	241	43	312	42	195	2,505	2.5	3,417	5
2,130	130	312	170	4	1,600	42	117	4,400	1.7	2,890	6
1,242	158	320	209	15	316	82	178	5,194	3.4	3,007	7
1,312	142	134	195	52	212	144	115	3,851	3.0	3,715	8
697	185	44	186	...	...	166	209	20	(Z)	1,000	9
2,540	171	538	193	...	...	478	165	...	...	...	10
1,345	130	327	74	...	...	686	93	50	(Z)	2,400	11
2,260	146	322	181	2	167	430	267	175	0.1	2,514	12
1,527	166	152	195	...	...	512	216	185	(Z)	2,270	13
1,287	136	262	197	...	...	204	188	...	...	...	14
3,794	167	505	193	38	214	636	236	5	(Z)	2,000	15
4,109	162	920	179	76	185	918	191	30	(Z)	4,000	16
1,666	155	434	172	18	218	336	168	...	...	...	17
2,442	157	179	150	18	480	414	205	60	(Z)	2,333	18
745	143	226	120	1	400	282	101	...	...	...	19
2,540	164	314	209	...	...	320	231	...	...	...	20
722	169	99	232	6	133	34	289	185	0.1	324	21
4,672	157	439	200	18	80	46	214	8,270	3.9	4,231	22
2,865	154	516	189	339	310	162	192	13,910	4.5	4,237	23
1,586	160	202	236	87	215	328	267	...	...	...	24
1,990	142	210	191	12	114	262	121	176	0.1	398	25
4,114	149	554	195	110	191	146	195	13,593	5.0	4,412	26
2,435	160	539	212	...	...	256	310	2,720	1.3	3,893	27
732	150	103	213	14	255	44	153	1,150	0.9	2,722	28
2,292	148	236	230	16	119	26	173	3,545	0.7	2,389	29
3,499	164	566	193	228	293	432	271	1,965	1.0	3,725	30
2,144	146	498	163	85	184	138	163	11,710	5.9	4,181	31
2,204	166	469	168	20	85	88	194	7,578	5.3	4,027	32
2,792	161	709	178	5	118	92	154	14,160	7.0	4,352	33
1,954	175	190	199	48	170	170	211	995	0.4	3,497	34
1,288	172	196	269	390	790	203	236	2,530	2.8	4,344	35
4,116	167	994	192	882	224	362	215	10,504	4.4	4,346	36
1,766	223	192	214	2,314	774	276	458	1,869	1.4	2,274	37
58	177	2	160	59	513	70	636	245	1.5	3,918	38
5,884	198	900	223	82	309	514	250	2,693	0.7	4,008	39
2,512	181	509	211	215	157	254	283	430	0.1	2,930	40
3,842	131	602	190	656	280	63	153	21,995	6.3	4,189	41
7,633	161	1,070	216	2,420	491	851	297	2,495	0.7	3,627	42
1,662	143	346	213	2	800	33	186	10,480	6.6	3,904	43
1,970	205	332	177	166	219	131	150	68	(Z)	4,147	44
9,032	157	1,364	205	766	283	247	273	15,742	4.3	4,407	45
2,408	170	496	225	168	214	587	252	610	0.3	2,049	46
2,314	175	277	185	248	194	327	225	110	(Z)	3,909	47
2,382	191	672	230	129	267	326	350	580	0.3	3,310	48
3,768	150	464	166	16	533	288	201	445	0.1	1,034	49
5,549	161	1,246	213	892	364	877	252	283	0.1	4,473	50
6,110	157	484	180	...	...	242	174	5	(Z)	2,000	51
907	156	272	228	5	200	196	160	65	(Z)	4,000	52
2,750	144	296	146	8	160	383	176	25	(Z)	6,000	53
8,002	165	1,733	171	144	121	456	166	80	(Z)	4,000	54
3,035	127	388	150	2	200	133	192	2,005	0.6	2,544	55
2,800	129	487	198	3	200	262	209	...	...	...	56
1,781	122	504	204	8	1,600	244	179	...	...	...	57
1,600	140	498	156	...	...	132	180	10	(Z)	1,000	58
3,783	181	550	205	2	800	115	218	130	0.1	2,231	59

MISSISSIPPI

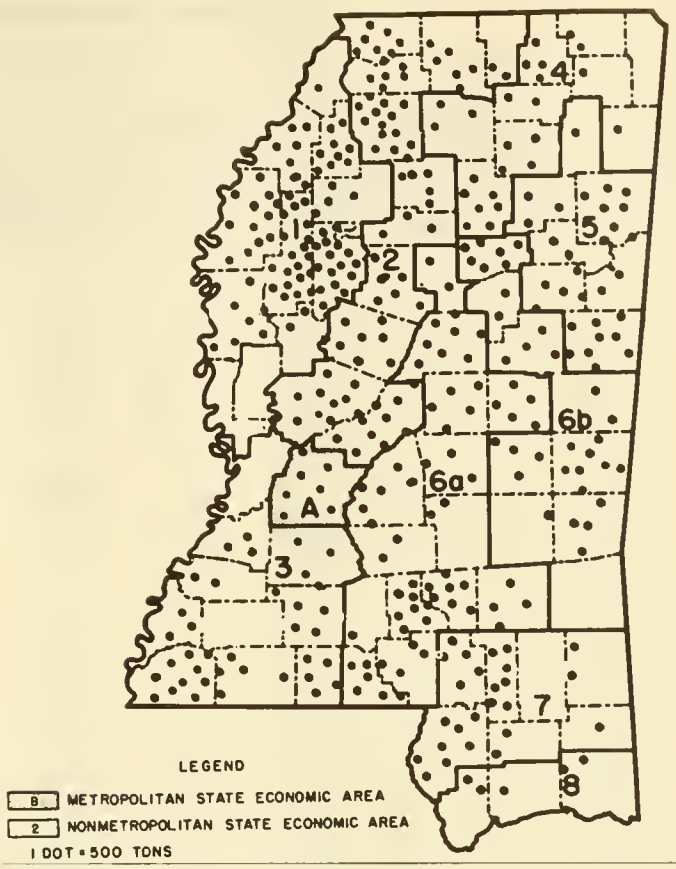
TONS OF FERTILIZER



Map No. A54-426

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Mississippi, total	708,729	319	56,655	279	29,689	264	618,052	325
	Area 1:								
2	Bolivar	22,434	210	1,098	169	160	110	20,945	214
3	Coahoma	16,066	222	386	144	195	98	15,275	227
4	Humphreys	9,744	240	137	160	88	152	9,219	240
5	Issaquena	2,102	181	226	149	26	132	1,870	190
6	Leflore	15,791	227	428	122	280	122	15,024	236
7	Quitman	9,252	216	212	122	104	105	8,812	221
8	Sharkey	4,194	180	97	86	92	116	3,970	187
9	Sunflower	25,005	222	1,224	153	595	152	23,040	229
10	Tallahatchie	14,234	242	194	227	240	132	13,582	237
11	Tunica	9,925	206	344	173	18	212	9,520	206
12	Washington	16,418	196	782	139	285	127	15,177	200
	Area 2:								
13	Benton	6,887	398	750	437	117	266	5,939	398
14	Carroll	7,067	328	176	197	380	273	6,424	337
15	De Soto	9,821	298	831	317	229	281	8,735	295
16	Grenada	5,072	337	440	254	300	239	4,296	358
17	Holmes	11,645	282	516	178	363	134	10,682	300
18	Madison	17,746	349	1,314	276	946	242	15,412	364
19	Marshall	13,762	426	424	244	101	231	13,242	436
20	Panola	13,673	382	565	282	121	231	12,970	385
21	Tate	10,505	415	580	354	333	341	9,558	425
22	Yalobusha	5,385	377	374	232	42	202	4,949	399
23	Yazoo	16,452	285	591	168	503	242	14,848	283
	Area 3:								
24	Adams	1,657	291	192	184	520	456	942	267
25	Amite	8,838	398	1,709	431	477	249	6,571	401
26	Claiborne	2,858	276	588	207	160	244	2,092	304
27	Copiah	9,165	441	796	278	929	308	7,406	495
28	Franklin	2,840	290	233	157	650	253	1,934	344
29	Jefferson	3,244	295	242	205	357	223	2,624	320
30	Lincoln	8,738	376	1,834	390	990	283	5,919	395
31	Pike	7,572	390	1,488	401	471	400	5,577	392
32	Warren	2,230	200	180	115	116	110	1,922	227
33	Wilkinson	2,242	249	578	287	240	226	1,394	232
	Metropolitan Area A:								
34	Hinds	16,191	347	2,307	275	1,166	257	12,620	370



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potstoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 203,871	*Corn* 294	*Cotton* 340,805	*Cotton* 355	34,831	517	38,545	210	216,825	2.5	1,717	1
1,439	212	16,361	243	40	205	3,105	133	5,670	1.5	2,146	2
2,470	243	11,535	235	1	67	1,269	160	3,214	1.4	2,029	3
799	240	7,266	259	26	297	1,128	161	555	0.4	3,686	4
221	210	1,253	189	...	...	396	184	...	...	...	5
1,925	241	10,601	251	1	1,000	2,497	188	6,160	2.6	2,650	6
1,447	233	6,769	223	12	364	584	181	3,765	2.4	2,481	7
486	187	3,059	195	1	133	424	144	...	...	...	8
1,974	206	17,423	245	127	193	3,516	182	9,647	2.7	2,179	9
3,208	225	9,012	263	26	578	1,336	153	2,965	1.5	1,258	10
1,527	240	6,820	216	4	400	1,169	142	330	0.2	3,436	11
1,018	216	11,290	225	44	393	2,825	135	2,735	0.9	2,244	12
2,364	310	3,424	492	37	779	114	367	1,050	1.8	1,962	13
2,283	255	3,723	400	16	291	402	547	2,843	3.4	2,215	14
2,043	256	6,094	312	54	651	544	278	3,349	2.1	2,262	15
1,018	252	3,123	416	10	333	145	351	2,059	3.7	1,311	16
2,939	247	7,119	342	142	456	482	190	4,060	2.3	1,607	17
4,490	274	9,445	456	51	543	1,426	275	8,459	4.4	1,305	18
3,244	311	9,575	502	114	669	309	442	4,352	2.5	1,416	19
3,193	370	9,192	402	37	326	548	268	8,702	4.7	1,574	20
2,738	374	6,597	455	23	648	200	318	2,353	2.3	1,991	21
1,576	311	2,849	445	130	535	394	581	2,974	3.7	1,550	22
4,074	231	9,220	332	26	1,106	1,528	219	3,626	1.7	2,581	23
175	186	559	298	19	314	189	290	1,742	4.8	1,470	24
3,112	321	2,843	520	326	706	290	378	4,085	3.8	1,275	25
717	253	1,058	335	14	757	303	350	2,374	2.9	1,090	26
2,358	369	2,491	452	2,353	951	204	337	2,061	2.0	1,547	27
1,208	305	548	410	116	609	62	431	235	0.6	1,498	28
1,059	247	1,442	412	24	282	99	302	1,076	2.0	1,519	29
3,333	355	2,008	487	226	729	352	307	4,709	4.8	1,221	30
2,862	326	1,914	516	357	540	444	421	3,682	3.8	1,010	31
843	199	882	255	9	247	188	259	100	0.2	2,500	32
672	203	634	264	52	351	36	257	4,930	6.8	2,016	33
4,076	281	7,441	430	696	705	407	297	4,590	2.2	1,481	34

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Mississippi—Continued								
	Area 4:								
1	Alcorn	7,686	367	240	339	145	237	7,227	367
2	Calhoun	10,366	371	591	319	434	237	9,235	384
3	Itawamba	6,807	337	378	373	198	358	6,212	330
4	Lafayette	9,540	407	472	330	278	334	8,749	415
5	Pontotoc	10,018	348	318	339	90	225	9,509	355
6	Prentiss	10,387	410	238	305	70	207	10,070	417
7	Tippah	10,335	417	214	499	77	126	10,081	421
8	Tishomingo	5,944	366	288	291	116	265	5,525	376
9	Union	9,775	383	229	271	84	420	9,471	387
	Area 5:								
10	Chickasaw	6,500	343	231	221	470	259	5,787	359
11	Clay	3,984	354	439	268	302	317	3,233	375
12	Lee	10,627	348	614	320	259	284	9,801	358
13	Lowndes	8,006	290	714	259	475	314	6,751	292
14	Monroe	13,489	317	1,064	303	591	186	11,718	329
15	Noxubee	10,087	397	1,943	384	1,191	362	6,907	402
16	Oktibbeha	2,422	316	209	215	199	335	1,991	325
	Area 6a:								
17	Attala	9,672	364	754	290	589	331	8,320	376
18	Covington	7,615	321	1,086	267	344	216	6,189	342
19	Jefferson Davis	10,410	350	900	265	537	374	8,951	359
20	Jones	11,238	410	1,733	337	834	312	8,682	450
21	Lawrence	6,414	350	517	260	434	388	5,338	350
22	Leake	11,080	394	490	275	260	374	10,210	407
23	Marion	9,057	350	1,245	269	674	308	7,103	366
24	Montgomery	4,657	403	355	433	234	337	4,006	401
25	Neshoba	11,877	363	1,449	324	301	233	10,113	380
26	Rankin	9,296	380	1,119	290	965	322	7,210	418
27	Scott	7,944	382	356	286	198	298	7,386	391
28	Simpson	10,078	384	589	355	593	274	8,859	395
29	Smith	9,120	372	650	281	390	264	8,105	398
30	Walthall	11,827	396	2,349	441	593	352	8,867	385
	Area 6b:								
31	Choctaw	4,074	353	341	368	114	234	3,612	359
32	Clarke	5,769	368	804	289	227	397	4,687	383
33	Jasper	7,270	363	530	221	550	323	6,107	383
34	Kemper	6,895	327	363	276	154	157	6,353	336
35	Lauderdale	6,961	374	629	245	300	307	6,011	399
36	Newton	9,101	344	1,056	238	300	268	7,635	369
37	Wayne	6,024	345	374	274	70	234	5,493	354
38	Webster	5,695	365	318	218	256	236	5,148	401
39	Winston	9,535	368	548	260	246	236	8,756	387
	Area 7:								
40	Forrest	3,373	407	803	406	533	431	2,036	404
41	George	6,240	439	619	383	314	308	5,246	454
42	Greene	3,439	325	126	183	89	262	3,177	336
43	Lamar	5,591	359	682	272	518	478	4,367	367
44	Pearl River	21,311	513	2,871	427	1,363	372	17,066	552
45	Perry	3,034	336	259	227	139	281	2,615	357
46	Stone	1,766	414	226	254	247	419	1,269	452
	Area 8:								
47	Hancock	2,153	361	770	355	74	138	1,323	402
48	Harrison	2,975	526	928	622	346	412	1,685	510
49	Jackson	2,510	423	798	374	330	737	1,370	412

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Cotton*	*Cotton*								
3,082	284	3,992	472	92	634	61	298	985	1.3	1,645	1
3,654	291	5 017	483	202	564	362	505	4,169	4.2	1,748	2
3,142	283	2,976	398	68	425	26	306	1,065	1.5	1,131	3
3,294	320	5,139	507	235	540	81	375	2,140	2 3	1,350	4
3,414	267	5,864	462	38	531	193	161	1,800	1.8	2,063	5
3 952	310	5,869	555	100	465	149	231	325	0.4	2,123	6
4,268	324	5,550	551	97	562	166	332	3,353	4.1	1,337	7
2,723	320	2,550	462	94	684	158	313	450	0.9	778	8
3,718	300	5,609	481	22	550	122	334	1,270	1.5	1,520	9
1,629	274	3,845	423	113	480	200	228	1,917	2.0	1,810	10
892	298	1,999	431	6	1,091	336	340	1,266	1.5	1,814	11
3,077	275	6,331	424	89	890	304	266	890	0.7	1,169	12
2,306	231	3,575	365	244	371	626	233	771	0.6	2,285	13
3,886	255	6,717	397	72	274	1,043	327	4,259	2.5	1,939	14
1,174	287	4,626	460	26	1,020	1,081	361	3,879	2.6	2,306	15
830	268	927	404	13	448	221	310	502	0.7	2,876	16
3,421	291	4,600	477	95	571	204	364	4,861	5.3	1,618	17
2,732	273	2,781	461	510	492	166	162	4,700	5 9	1,592	18
3,680	269	4,488	481	669	465	114	243	4,108	4.6	1,834	19
4,417	374	2 982	566	1,029	738	254	313	3,360	3.5	1,145	20
2,622	277	2,486	467	178	774	52	256	740	1.2	1,589	21
4,426	328	5,466	509	146	521	172	308	2,858	3.2	1,718	22
3,563	298	2,807	485	544	555	189	278	4,001	4.1	1,107	23
1,406	290	2,508	516	23	630	69	273	839	1.5	2,818	24
5,057	308	4,748	508	199	535	109	227	3,180	3.1	1,465	25
3,347	358	2,907	502	311	696	645	381	3,433	3.6	1,691	26
3,604	331	3,411	491	107	943	264	283	2,369	3.3	1,428	27
3,753	309	4 248	517	600	494	258	307	1,282	1.5	1,608	28
3,676	318	3 565	527	656	513	208	269	827	1.0	2,515	29
4,012	298	3 976	486	380	673	499	621	2,889	2.8	2,001	30
1,970	294	1,417	485	137	685	88	362	1,298	3.0	1,270	31
2,866	344	1,423	515	172	414	226	307	2,926	5.2	1,364	32
3,385	310	2,360	541	244	622	118	402	1,236	1.8	1,212	33
3,164	264	2,944	469	91	418	154	363	1,562	1.9	1,360	34
3,172	339	2,130	532	344	434	365	397	4,914	7.6	1,695	35
4,128	296	3,128	536	158	760	221	316	2,111	2 4	1,753	36
3,105	282	2,094	535	192	624	102	351	208	0.3	2,144	37
2,022	302	2,730	521	44	533	352	431	3,780	7.0	1,823	38
4,158	308	4,119	536	105	504	374	302	2,327	2.6	1,734	39
1,078	361	395	454	203	557	360	437	4,693	10.1	1,694	40
3,374	411	542	646	1,224	541	106	421	413	1.1	1,327	41
2,065	372	428	600	646	209	38	425	1,765	6.3	1,154	42
1,775	315	1,193	497	1,221	366	178	338	2,690	5.0	1,952	43
2,190	560	150	500	14,476	560	250	299	5,892	5.2	1,323	44
1,428	379	447	496	704	275	36	379	355	1.1	710	45
724	446	120	836	383	412	42	372	910	3.8	1,967	46
520	516	16	582	681	322	106	765	1,286	6.6	1,272	47
499	514	..	...	1,116	504	70	583	902	3.3	1,390	48
600	368	40	1,067	618	433	112	482	617	2.2	2,684	49

MISSOURI

TONS OF FERTILIZER

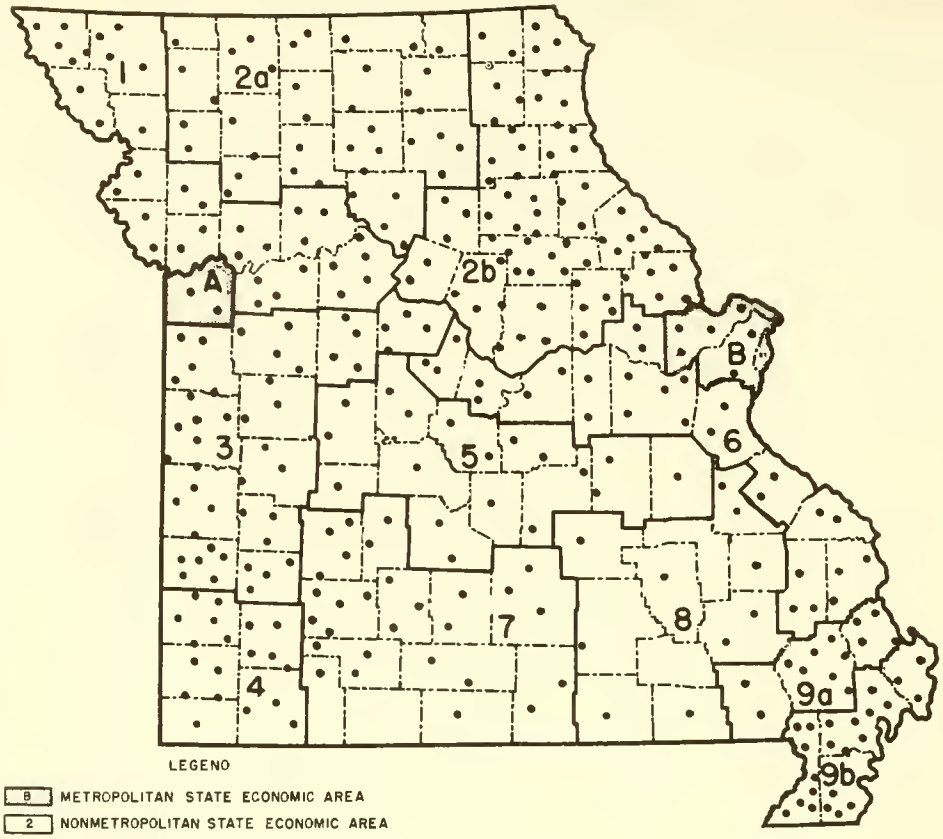
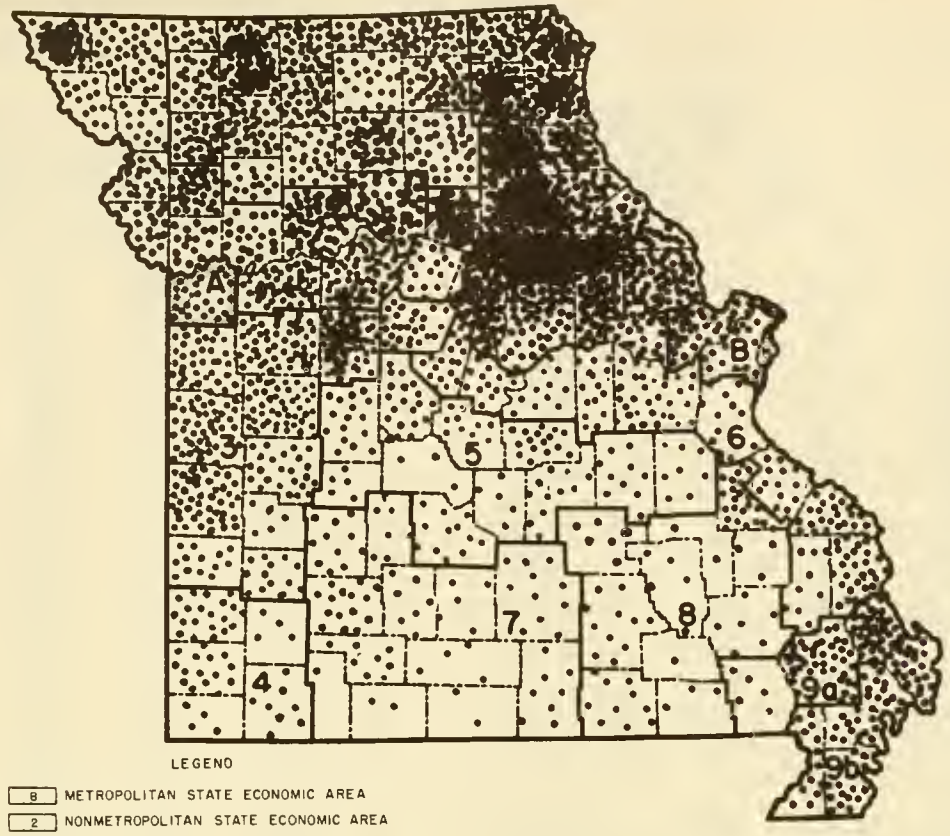


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Missouri, total	674,189	220	77,352	284	20,816	291	571,468	210
	Area 1:								
2	Andrew	2,600	223	483	268	137	341	1,963	206
3	Atchison	9,195	193	526	259	400	250	8,111	184
4	Buchanan	3,282	202	431	428	263	239	2,638	183
5	Carroll	6,831	171	445	269	329	468	6,036	160
6	Clinton	4,230	210	469	248	218	406	3,520	198
7	Holt	3,753	175	160	257	44	244	3,536	173
8	Lafayette	7,344	223	1,161	354	232	303	5,938	205
9	Nodaway	8,025	239	1,803	368	332	306	5,760	205
10	Platte	4,902	229	594	295	210	407	4,075	214
11	Ray	6,261	187	746	261	157	265	5,360	178
12	Saline	9,190	235	979	392	150	261	7,992	223
	Metropolitan Area A:								
13	Clay	4,353	263	860	329	276	359	3,217	249
14	Jackson	4,526	283	773	356	163	236	3,554	270
	Area 2a:								
15	Adair	5,419	220	598	259	176	349	4,605	212
16	Caldwell	4,469	205	702	427	105	276	3,664	187
17	Chariton	8,285	206	1,084	292	374	395	6,803	194
18	Daviess	4,578	203	636	383	151	508	3,747	180
19	De Kalb	4,098	189	431	295	93	195	3,550	181
20	Gentry	3,899	202	651	387	54	335	3,171	184
21	Grundy	4,611	216	376	206	189	262	4,042	216
22	Harrison	5,120	208	677	413	168	307	4,230	187
23	Linn	7,140	249	795	428	395	329	5,945	230
24	Livingston	5,615	240	708	423	132	518	4,774	224
25	Macon	7,891	249	840	392	408	441	6,605	230
26	Mercer	3,348	233	828	284	256	198	2,266	223
27	Putnam	3,445	251	416	259	98	256	2,921	251
28	Schuyler	2,332	259	390	387	105	277	1,800	232
29	Sullivan	4,647	207	579	249	123	209	3,918	200
30	Worth	2,037	222	274	278	162	460	1,608	205

Z Less than one-half unit (acres or tons reported or percent). [1]These figures represent all counties in the States where cotton was enumerated in 1954. [2]These figures for use of fertilizer on wheat do not represent all counties in the State. Separate data are not available for 30 Southeastern Counties.



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 274,020	*Corn* 212	*Cotton* [1]40,836 *Wheat* [2]101,549	*Cotton* [1]254 *Wheat* [2]209	3,675	309	151,388	198	675,776	3.7	4,302	1
1,390	223	315	183	20	216	238	160	4,088	2.8	3,397	2
7,380	186	257	124	20	348	454	192	13,043	4.9	3,356	3
1,772	174	535	179	19	271	312	255	6,530	4.6	2,845	4
3,882	159	1,334	160	4	533	816	164	12,342	4.6	3,942	5
2,272	201	606	188	2	800	640	197	6,648	4.2	5,019	6
3,101	176	185	146	2	400	248	160	3,659	2.0	3,437	7
3,357	211	1,224	203	51	70	1,306	209	12,421	5.0	3,909	8
4,079	195	569	212	20	381	1,092	252	9,931	2.6	3,641	9
2,434	205	861	170	37	290	743	373	3,630	2.6	4,436	10
3,477	181	1,088	167	68	342	727	176	5,788	2.7	3,668	11
6,138	225	1,160	215	26	239	668	216	15,011	4.5	3,988	12
2,305	244	433	189	25	200	454	423	4,309	3.2	3,584	13
2,262	270	742	253	198	373	352	265	6,907	5.3	3,584	14
3,272	220	579	209	18	164	736	185	8,340	4.9	4,654	15
2,000	180	961	201	36	480	667	180	3,694	2.2	3,973	16
4,409	195	1,622	195	2	667	770	187	11,907	4.6	3,672	17
1,939	184	1,126	175	...	...	682	176	7,642	4.2	4,759	18
2,161	183	676	194	23	164	690	163	8,662	6.4	3,570	19
1,799	160	1,073	247	...	...	299	178	6,799	4.2	3,656	20
2,704	223	522	221	2	(Z)	814	194	7,145	5.3	4,404	21
2,272	191	756	186	20	258	1,182	179	12,827	6.1	4,706	22
4,059	235	924	238	...	...	962	205	10,811	4.5	3,970	23
2,860	229	1,071	216	21	1,050	822	213	6,039	3.3	3,934	24
4,253	217	1,348	255	4	800	1,000	261	6,914	2.7	4,566	25
1,408	217	322	237	10	154	526	235	7,245	5.4	4,627	26
1,842	219	212	381	...	...	867	326	7,906	6.3	4,143	27
1,151	230	120	202	1	400	528	243	4,963	6.9	4,164	28
2,793	194	384	223	1	400	740	214	5,650	3.7	3,944	29
1,010	192	286	180	4	1,600	308	311	4,814	4.5	2,923	30

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Missouri—Continued								
	Area 2b:								
1	Audrain	17,186	263	1,042	297	503	325	15,645	261
2	Boone	8,910	237	928	260	489	391	7,386	224
3	Callaway	8,288	238	802	307	384	223	7,009	227
4	Clark	7,231	249	330	343	194	309	6,645	238
5	Howard	4,469	242	492	338	139	320	3,834	231
6	Knox	7,831	237	1,078	451	174	575	6,565	214
7	Lewis	8,644	257	491	312	232	286	7,900	254
8	Lincoln	12,563	266	1,016	327	289	335	11,148	258
9	Marion	8,554	249	748	381	159	370	7,611	243
10	Monroe	12,606	255	962	341	340	325	11,178	248
11	Montgomery	9,893	248	506	282	175	312	9,123	242
12	Pike	11,533	277	1,248	358	458	418	9,647	256
13	Ralls	6,703	235	580	309	247	318	5,772	224
14	Randolph	5,091	234	482	243	204	193	4,322	228
15	Scotland	4,506	206	245	258	136	495	4,079	197
16	Shelby	9,239	230	910	238	299	232	8,003	227
	Area 3:								
17	Barton	12,545	182	424	243	304	265	11,730	179
18	Bates	11,433	154	669	189	343	211	10,292	150
19	Cass	9,722	182	878	258	280	184	8,380	175
20	Cedar	5,242	158	297	143	141	197	4,713	156
21	Cooper	8,660	219	482	242	168	481	7,996	216
22	Dade	7,524	186	703	235	130	132	6,589	182
23	Henry	8,530	171	777	240	818	519	7,077	157
24	Johnson	7,982	210	673	252	494	425	6,811	201
25	Pettis	8,318	189	727	296	293	236	7,219	180
26	St. Clair	5,296	157	460	217	166	278	4,654	150
27	Vernon	10,689	153	483	256	250	187	9,883	148
	Area 4:								
28	Barry	6,411	226	1,576	247	214	203	4,524	222
29	Jasper	11,494	191	669	259	211	245	10,460	185
30	Lawrence	10,975	183	1,703	196	316	185	8,867	176
31	McDonald	2,425	225	642	238	30	179	1,760	225
32	Newton	7,475	217	1,168	250	198	286	6,021	209
	Area 5:								
33	Benton	4,848	195	527	315	65	291	4,219	182
34	Camden	1,071	248	154	227	84	372	835	242
35	Crawford	3,111	298	992	342	124	415	1,992	274
36	Hickory	2,456	168	191	221	30	179	2,198	162
37	Laclede	3,602	198	248	146	58	161	3,246	197
38	Maries	3,270	217	422	309	130	385	2,717	204
39	Miller	3,947	217	740	305	119	257	3,023	196
40	Morgan	3,919	197	430	252	63	205	3,359	190
41	Phelps	3,057	252	572	322	46	316	2,445	241
42	Pulaski	1,326	230	188	234	110	235	1,030	226
43	Washington	1,703	256	610	256	101	259	965	252
	Area 6:								
44	Bollinger	5,346	216	524	218	38	238	4,732	213
45	Cape Girardeau	6,376	200	998	293	243	293	5,093	184
46	Cole	3,609	213	324	258	87	273	3,182	207
47	Franklin	9,942	270	1,758	333	232	315	7,844	259
48	Gasconade	4,206	236	331	321	77	293	3,721	224
49	Jefferson	3,171	275	800	323	160	258	2,172	255
50	Moniteau	5,204	204	476	296	194	290	4,481	197
51	Osage	4,909	255	596	315	132	454	4,164	243
52	Perry	4,941	244	1,073	377	204	355	3,662	216
53	Ste. Genevieve	3,994	247	1,049	358	220	395	2,791	218
54	Warren	4,286	236	168	288	123	392	3,991	232
	Metropolitan Area B:								
55	St. Charles	8,520	268	1,200	348	302	301	6,977	250
56	St. Louis	3,834	311	379	342	66	256	3,384	309
57	St. Louis City								
	Area 7:								
58	Christian	5,989	231	1,438	254	206	273	4,312	223
59	Dallas	4,355	214	514	200	170	229	3,615	211
60	Douglas	3,011	242	881	276	68	289	2,046	228
61	Greene	9,919	203	2,028	224	284	282	7,470	194
62	Howell	3,745	256	1,286	267	282	337	2,154	240
63	Ozark	1,286	265	416	310	44	320	831	245
64	Polk	7,409	184	771	222	102	216	6,406	179
65	Stone	2,021	269	648	297	62	370	1,305	256
66	Taney	692	281	430	294	65	281	198	263
67	Texas	5,546	231	1,598	242	131	230	3,912	222
68	Webster	5,371	224	844	224	179	240	4,257	220
69	Wright	3,815	277	790	289	103	235	2,882	276

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potstoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Wheat*	*Wheat*								
10,054	275	3,063	252	23	132	2,505	224	24,744	8.8	5,802	1
4,308	231	1,684	211	76	365	1,318	215	12,563	5.8	4,935	2
4,039	227	1,347	237	1	400	1,622	220	10,137	4.9	4,807	3
3,677	228	1,288	299	24	190	1,656	223	11,691	7.6	5,079	4
2,534	215	657	248	42	219	601	301	3,849	2.7	4,035	5
3,824	198	1,219	248	4	533	1,518	236	12,763	6.4	5,093	6
4,910	267	1,752	228	4	308	1,234	250	13,142	7.8	4,581	7
7,521	275	2,395	233	8	291	1,224	219	12,611	6.5	4,074	8
4,196	252	1,876	228	2	400	1,537	238	11,341	7.2	4,016	9
7,165	253	2,520	251	33	239	1,460	221	17,089	7.7	4,830	10
5,382	255	2,101	240	10	222	1,630	210	8,181	5.1	5,345	11
6,221	257	1,554	234	90	271	1,782	274	12,673	5.9	4,544	12
3,740	229	1,252	224	8	400	772	199	6,881	4.2	4,846	13
2,560	232	870	242	6	750	886	208	10,579	7.8	4,746	14
2,508	187	578	255	12	240	981	197	6,852	4.4	4,919	15
4,548	231	2,008	246	...	...	1,447	194	15,072	7.7	4,803	16
3,437	175	3,789	209	41	315	4,463	162	3,195	1.4	4,223	17
4,080	142	2,504	168	12	229	3,696	148	9,040	3.2	4,783	18
4,326	175	1,536	182	16	160	2,502	170	8,474	3.7	4,274	19
1,458	149	1,275	176	8	46	1,972	151	1,390	1.3	3,846	20
4,454	249	1,620	204	30	114	1,892	173	5,619	2.7	4,586	21
1,505	182	1,972	210	...	...	3,112	169	5,452	4.2	2,332	22
2,916	148	1,811	179	10	667	2,340	154	7,943	3.3	5,695	23
3,329	206	1,489	190	4	1,600	1,989	202	12,956	5.1	3,914	24
3,369	176	1,679	192	14	549	2,157	177	13,979	5.9	4,990	25
1,779	143	1,378	160	101	130	1,396	151	5,231	3.5	4,624	26
3,449	136	2,959	171	71	170	3,404	144	13,740	5.1	3,018	27
735	261	1,027	225	92	319	2,670	211	2,283	1.2	3,689	28
2,131	184	3,436	204	25	239	4,868	174	5,449	2.6	3,666	29
1,291	174	2,317	193	38	230	5,221	170	3,420	1.7	4,002	30
242	249	396	214	34	453	1,088	222	893	1.0	3,924	31
1,011	230	1,565	211	77	670	3,368	200	3,913	2.6	3,903	32
1,679	175	1,027	196	11	846	1,502	179	3,459	2.6	4,656	33
324	251	215	218	4	400	292	252	768	1.6	4,003	34
		Cotton	*Cotton*								
967	259	...	...	11	244	1,014	290	2,123	2.5	4,681	35
		Wheat	*Wheat*								
892	160	500	196	...	...	806	149	1,267	1.8	4,410	36
1,149	201	1,020	197	8	151	1,069	194	2,891	1.9	4,168	37
		Cotton	*Cotton*								
1,164	224	...	...	10	1,333	1,543	191	3,327	3.6	4,740	38
		Wheat	*Wheat*								
961	194	990	209	5	182	1,067	187	2,123	2.1	4,591	39
1,040	207	1,176	199	4	400	1,139	170	5,092	4.6	3,481	40
		Cotton	*Cotton*								
796	256	8	400	6	300	1,635	234	2,848	3.3	3,695	41
624	212	...	...	...	...	406	251	1,292	1.9	3,684	42
288	226	...	...	21	311	656	263	1,199	2.3	5,713	43
2,606	207	16	267	8	400	2,102	219	1,740	1.4	4,989	44
2,564	176	20	205	5	667	2,504	194	5,928	2.7	4,399	45
		Wheat	*Wheat*								
989	201	951	203	12	393	1,230	215	2,654	2.5	4,978	46
4,055	279	2,380	242	48	237	1,361	240	5,956	2.8	5,077	47
1,623	221	1,408	232	12	400	678	214	3,254	3.0	4,704	48
		Cotton	*Cotton*								
1,169	270	...	...	62	322	941	236	2,250	2.2	4,591	49
		Wheat	*Wheat*								
2,307	211	918	191	12	166	1,244	178	4,188	3.4	4,218	50
		Cotton	*Cotton*								
1,592	264	...	...	16	1,280	2,556	231	2,475	2.4	4,283	51
1,758	214	...	...	10	333	1,894	217	4,525	3.2	4,855	52
1,483	206	...	...	3	300	1,305	234	1,923	2.1	6,166	53
		Wheat	*Wheat*								
2,288	244	1,066	204	10	571	627	246	5,038	5.7	4,301	54
3,970	286	2,228	216	41	547	738	204	8,439	4.6	4,272	55
1,121	268	981	246	776	600	506	337	2,488	2.8	5,046	56
											57
1,028	240	974	228	2	800	2,308	214	2,254	1.6	3,437	58
1,080	193	872	234	24	223	1,639	212	1,765	1.6	3,796	59
471	261	598	229	4	320	973	213	1,045	1.0	4,201	60
1,513	197	1,581	190	91	428	4,285	193	5,026	2.2	2,946	61
		Cotton	*Cotton*								
872	240	...	...	26	547	1,256	236	2,047	1.4	3,868	62
		Wheat	*Wheat*								
143	266	250	234	11	880	427	240	659	0.9	3,593	63
1,380	165	1,596	193	20	284	3,410	178	2,237	1.4	4,494	65
386	259	146	270	88	433	685	240	530	0.4	2,453	65
12	133	53	248	2	200	131	299	566	1.0	2,657	66
		Cotton	*Cotton*								
970	205	188	244	6	1,091	2,748	227	2,568	1.5	4,104	67
		Wheat	*Wheat*								
1,257	209	1,183	235	46	219	1,771	219	1,784	1.3	4,166	68
795	301	1,228	268	16	337	843	265	1,435	1.3	3,554	69

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Missouri—Continued								
	Area 8:								
1	Carter	516	244	190	252	9	300	310	231
2	Dent	1,993	227	421	249	30	522	1,527	218
3	Iron	707	262	265	304	46	341	390	236
4	Madison	1,748	241	484	283	75	292	1,202	230
5	Oregon	2,986	301	1,127	377	173	348	1,680	262
6	Reynolds	1,701	272	610	288	58	230	1,042	267
7	Ripley	2,178	209	276	203	23	204	1,880	210
8	St. Francois	3,275	280	890	286	382	418	2,001	256
9	Shannon	1,483	247	336	236	104	252	1,043	248
10	Wayne	3,005	238	642	304	42	251	2,268	224
	Area 9a:								
11	Butler	4,615	236	244	274	60	286	4,323	231
12	Scott	7,340	211	118	258	58	121	7,070	210
13	Stoddard	14,403	221	438	242	180	296	13,766	219
	Area 9b:								
14	Dunklin	15,026	287	145	283	10	235	14,666	285
15	Mississippi	6,486	217	180	235	70	156	6,217	219
16	New Madrid	15,088	245	434	261	14	215	14,532	244
17	Pemiscot	8,438	250	552	340	100	204	7,748	241

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potstoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Cotton*	*Cotton*								
168	218	...	...	6	343	136	245	470	2.5	2,404	1
626	221	...	...	8	267	893	216	1,725	2.1	3,241	2
187	217	...	...	10	667	193	248	500	1.7	4,500	3
527	210	5	286	8	800	662	246	538	1.0	5,985	4
774	275	...	...	10	667	896	251	2,091	2.3	4,979	5
638	275	...	...	8	333	396	254	870	2.0	5,324	6
818	201	280	268	42	400	740	198	855	1.1	3,357	7
984	273	...	...	53	684	964	233	4,978	6.1	4,676	8
420	255	...	...	14	560	609	241	2,068	3.1	5,149	9
1,432	211	22	550	16	1,067	798	242	1,176	1.9	5,332	10
1,522	215	2,171	259	38	241	592	191	1,215	0.8	3,745	11
2,986	204	2,584	247	36	214	1,464	174	9,297	4.8	3,640	12
5,558	201	4,893	230	61	359	3,254	236	9,166	2.7	4,940	13
3,130	258	10,571	299	236	328	729	217	4,205	1.8	3,177	14
2,638	224	2,604	246	123	302	852	152	7,516	4.2	2,841	15
2,968	245	10,756	244	25	266	783	242	7,051	2.3	3,769	16
848	360	6,718	233	...	...	182	181	4,082	1.6	3,465	17

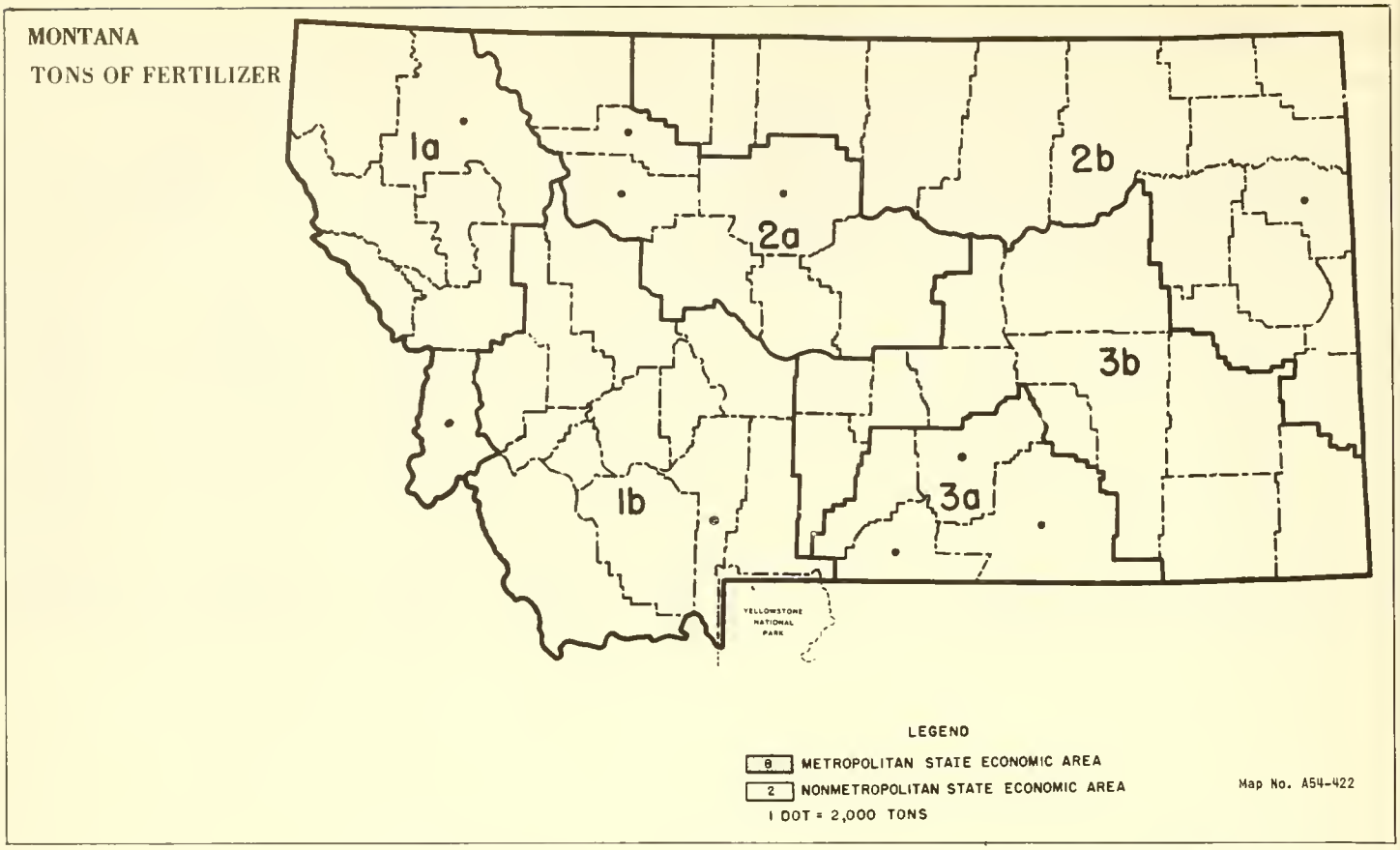
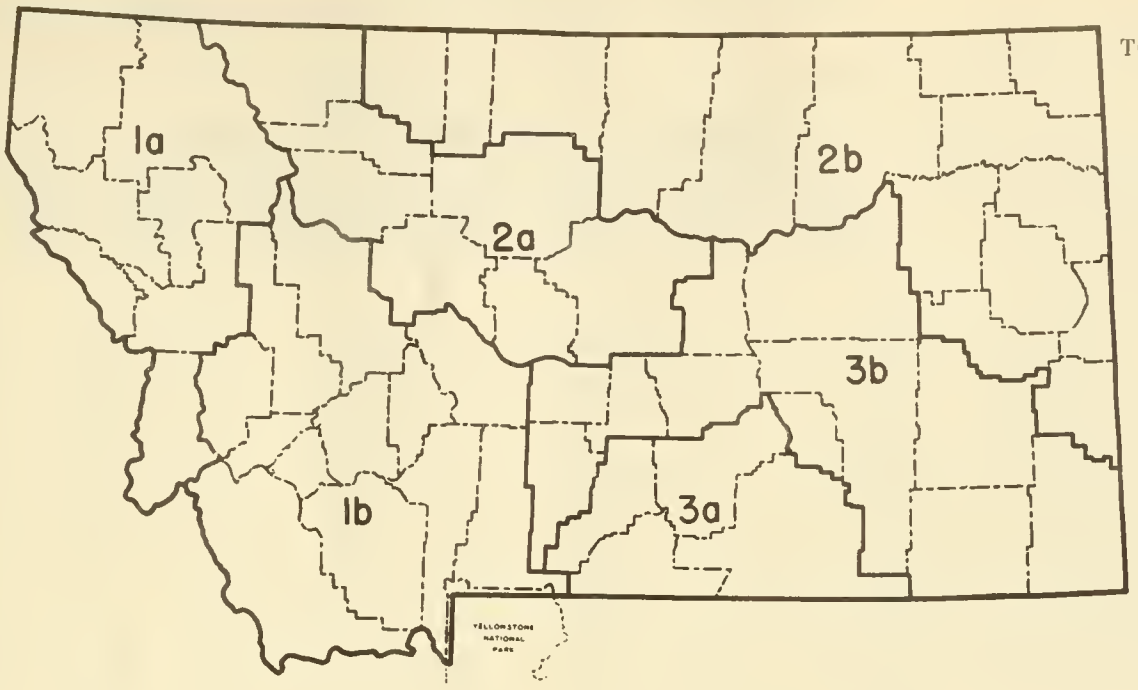


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Montana, total	27,421	86	7,455	136	512	114	19,348	74
	Area 1a:								
2	Flathead	1,011	110	330	143	13	137	668	98
3	Lake	801	216	406	219	20	167	354	204
4	Lincoln	48	178	41	173	...	...	7	215
5	Mineral	48	155	41	216	...	...	7	58
6	Missoula	448	134	145	130	10	154	293	136
7	Ravalli	1,387	168	631	123	62	154	688	254
8	Sanders	175	112	99	127	10	116	66	95
	Area 1b:								
9	Beaverhead	612	131	504	127	...	...	108	154
10	Broadwater	192	118	108	140	8	94	76	98
11	Deer Lodge	117	216	22	205	...	...	95	218
12	Gallatin	1,177	89	376	113	43	64	755	82
13	Granite	111	130	86	125	...	...	25	170
14	Jefferson	136	230	47	242	10	333	79	215
15	Lewis and Clark	410	104	243	143	2	167	166	74
16	Madison	734	195	609	192	7	74	118	238
17	Meagher	91	174	78	171	...	...	13	194
18	Park	216	102	129	147	1	100	85	70
19	Powell	452	152	103	110	...	...	325	162
20	Silver Bow	27	154	26	160	...	...	1	100
	Area 2a:								
21	Cascade	919	68	392	108	101	101	423	47
22	Chouteau	1,144	34	23	29	1	57	1,114	34
23	Fergus	787	34	57	90	...	...	720	33
24	Glacier	329	47	24	98	...	...	305	45
25	Judith Basin	288	32	6	58	...	...	281	32
26	Pondera	1,082	41	114	97	15	77	953	38
27	Teton	1,839	49	457	118	30	69	1,343	40

Z 0.05 percent or less.



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Sugar beets 7,026	*Sugar beets* 286	*Wheat* 7,790	*Wheat* 43	571	272	3,961	76	1,049	(Z)	772	1
...	...	413	86	62	295	193	106	225	0.2	311	2
51	206	63	93	79	363	161	273	105	0.1	952	3
...	...	5	200	2	267	...	...	...	...	...	4
...	...	5	53	...	...	2	80	...	...	...	5
112	269	92	88	4	157	85	126	...	...	...	6
362	342	182	274	32	267	112	130	178	0.5	618	7
8	128	30	99	...	...	28	85	400	0.6	425	8
...	...	48	95	20	800	40	233	...	...	...	9
26	274	34	69	...	...	16	84	...	...	...	10
...	...	3	48	85	327	7	62	...	...	...	11
...	...	451	74	...	...	304	96	...	...	...	12
...	...	10	155	5	385	10	144	...	...	...	13
...	...	5	149	42	207	32	245	...	...	...	14
5	154	80	54	18	247	63	94	45	(Z)	578	15
10	417	36	222	18	480	54	198	...	...	...	16
...	...	...	...	...	...	13	194	...	...	...	17
...	...	56	63	1	200	28	87	...	...	...	18
...	...	129	144	100	197	96	159	30	(Z)	6,000	19
...	...	...	...	...	...	1	100	46	0.2	90	20
50	235	292	38	...	...	81	70	...	...	...	21
...	...	974	33	...	...	140	43	...	...	...	22
...	...	662	32	...	...	58	41	...	...	...	23
...	...	150	46	...	...	155	45	...	...	...	24
...	...	271	32	...	...	10	33	2	(Z)	2,000	25
8	267	515	38	...	...	430	37	...	...	...	26
...	...	1,103	38	26	219	214	50	...	...	...	27

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Montana—Continued								
	Area 2b:								
1	Blaine	847	201	135	183	20	235	682	200
2	Daniels	47	35	...	...	...	...	47	35
3	Dawson	491	86	51	122	6	160	434	82
4	Fallon	20	45	4	200	...	...	16	37
5	Hill	105	53	4	123	...	...	101	52
6	Liberty	149	36	5	286	...	...	144	35
7	McCone	158	50	6	126	...	...	153	49
8	Phillips	282	105	50	136	...	...	232	100
9	Prairie	450	50	20	97	...	...	432	50
10	Richland	1,465	145	115	117	10	111	1,336	148
11	Roosevelt	75	35	6	57	...	...	69	34
12	Sheridan	106	34	2	31	...	...	103	34
13	Toole	126	31	...	...	...	...	127	31
14	Valley	192	44	23	136	...	...	169	40
15	Wibaux	199	38	2	80	...	...	196	38
	Area 3a:								
16	Big Horn	1,687	297	109	130	17	105	1,560	333
17	Carbon	1,240	182	375	143	41	132	821	208
18	Stillwater	373	93	162	150	2	89	209	71
19	Yellowstone	2,205	204	486	148	23	174	1,694	230
	Area 3b:								
20	Carter	32	44	...	...	...	...	32	44
21	Custer	722	167	139	132	15	300	564	173
22	Garfield	63	42	10	95	...	...	53	38
23	Golden Valley	40	106	35	169	...	...	5	29
24	Musselshell	92	58	35	197	2	80	55	40
25	Petroleum	36	47	1	100	...	...	35	46
26	Powder River	6	70	3	80	...	...	3	62
27	Rosebud	554	220	50	129	18	252	485	235
28	Sweet Grass	272	133	211	173	10	105	51	70
29	Treasure	529	187	96	141	2	200	431	201
30	Wheatland	277	139	223	140	13	200	41	120

Z 0.05 percent or less.

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Sugar beets	*Sugar beets*	*Wheat*	*Wheat*								
498	261	80	96	5	200	99	151	8	(Z)	1,000	1
...	...	42	35	...	...	5	36	...	...	...	2
184	351	139	39	6	120	105	94	...	...	...	3
...	...	10	42	...	...	6	32	...	...	...	4
...	...	68	39	25	758	8	44	...	...	...	5
...	...	142	35	...	...	2	33	...	...	...	6
...	...	146	49	...	...	7	55	...	...	...	7
148	230	49	40	2	267	33	76	...	...	...	8
130	347	232	32	2	114	68	59	...	...	...	9
898	242	160	55	...	...	278	116	...	...	...	10
...	...	52	30	...	...	17	51	...	...	...	11
...	...	78	36	...	...	25	29	...	...	...	12
...	...	80	31	1	182	46	32	...	...	...	13
...	...	137	39	...	...	32	49	...	...	...	14
...	...	123	32	...	...	73	56	...	...	...	15
1,415	371	71	113	...	...	74	308	...	...	...	16
574	312	72	80	...	...	175	144	...	...	...	17
27	310	122	50	2	...	58	139	...	...	...	18
1,338	299	108	83	16	416	232	151	...	...	...	19
...	...	32	44	...	...	...	...	...	...	...	20
338	245	35	59	12	224	179	145	...	...	...	21
...	...	47	38	...	...	6	39	...	...	...	22
...	...	5	29	...	...	...	...	...	...	...	23
...	...	46	35	...	...	9	154	...	...	...	24
...	...	31	47	...	...	4	36	10	(Z)	200	25
...	...	1	61	...	...	2	65	...	...	...	26
450	255	6	71	...	...	29	144	...	...	...	27
...	...	31	52	...	...	20	154	...	...	...	28
394	211	8	133	1	400	28	134	...	...	...	29
...	...	28	105	5	200	8	160	...	...	...	30

NEBRASKA
TONS OF FERTILIZER

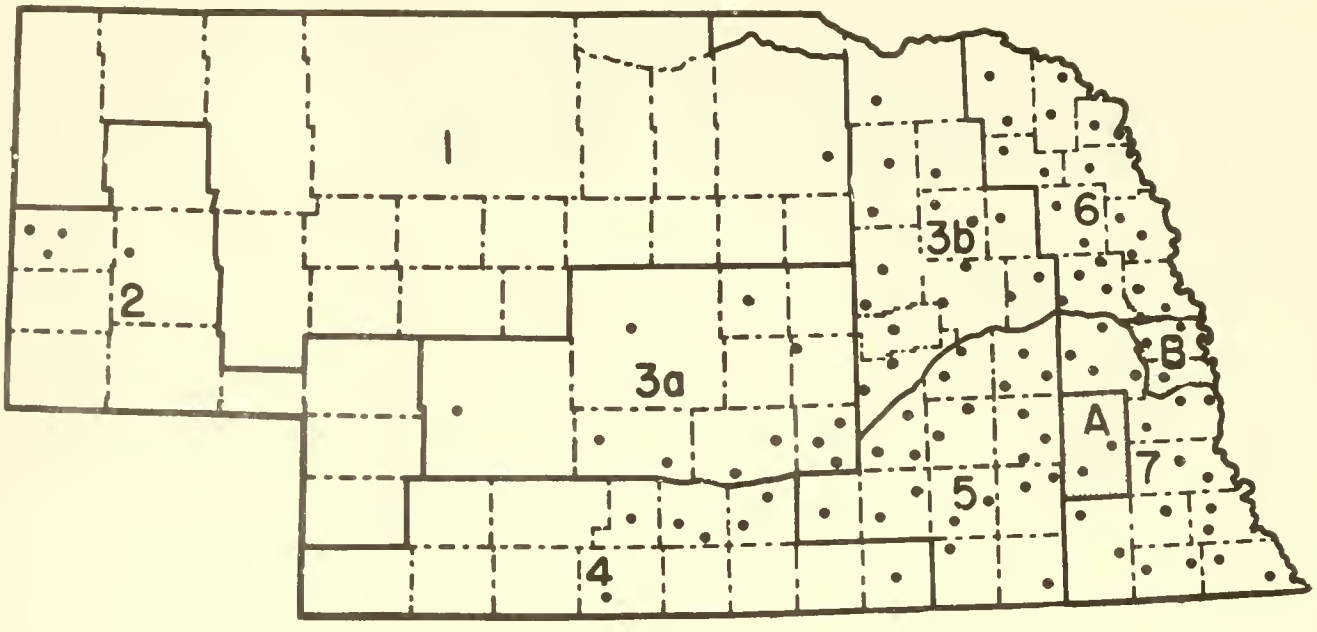
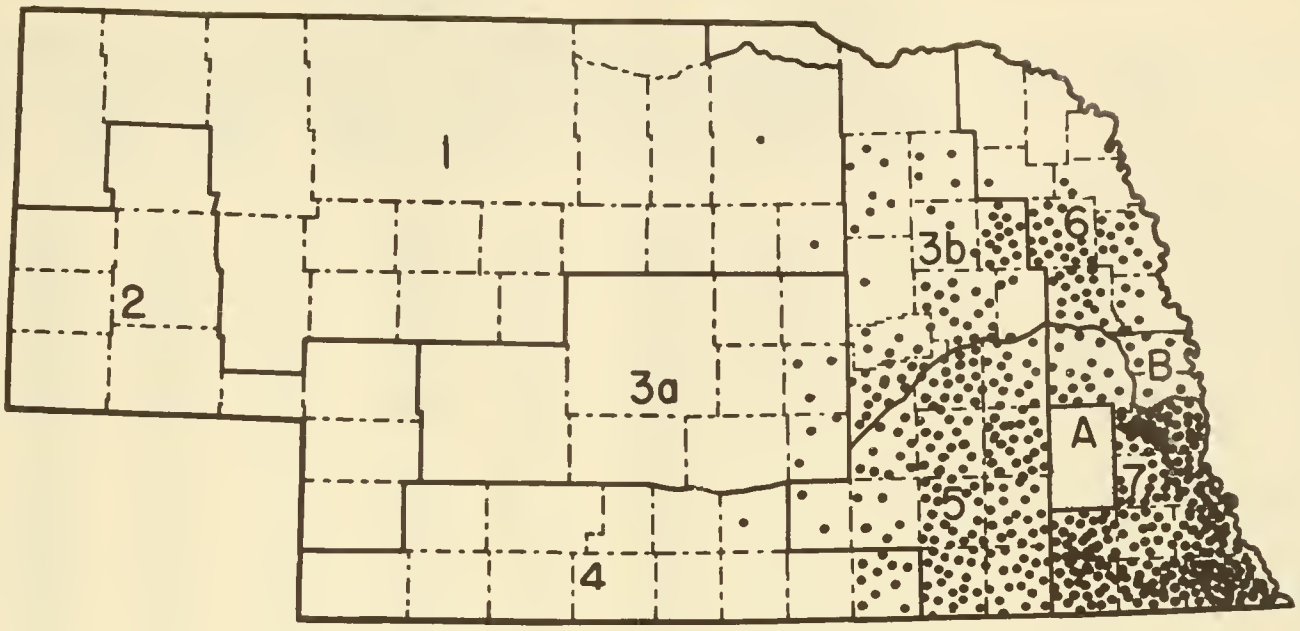


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Nebraska, total	218,018	146	17,431	175	4,960	153	194,601	143
	Area 1:								
2	Arthur	1	182	...	...	...	...	1	182
3	Blaine	62	157	26	160	1	400	35	152
4	Brown	401	95	94	125	...	...	307	88
5	Cherry	216	127	191	121	2	400	23	204
6	Dawes	155	136	44	103	...	...	110	158
7	Garden	173	116	5	105	...	...	168	117
8	Garfield	258	133	37	248	10	125	212	122
9	Grant	14	243	14	243	...	...	...	...
10	Holt	1,209	131	332	170	15	133	862	118
11	Hooker	35	188	2	129	...	...	33	193
12	Keya Paha	122	123	48	136	...	...	74	116
13	Logan	93	194	64	203	...	...	30	183
14	Loup	106	98	18	185	12	32	75	121
15	McPherson	59	118	14	161	2	100	43	109
16	Rock	156	129	62	131	1	100	93	129
17	Sheridan	634	158	96	87	...	...	532	185
18	Sioux	604	202	46	171	...	...	556	208
19	Thomas	17	163	12	168	1	400	4	133
20	Wheeler	403	123	17	132	1	200	386	121
	Area 2:								
21	Banner	45	199	25	225	...	...	20	174
22	Box Butte	609	225	10	211	...	...	599	225
23	Chase	460	126	60	93	2	40	393	133
24	Cheyenne	180	192	15	142	1	200	165	199
25	Deuel	292	152	10	83	5	286	277	155
26	Keith	504	145	78	147	12	189	412	143
27	Kimball	22	118	2	143	...	...	19	110
28	Morrill	1,359	194	76	186	5	182	1,285	196
29	Perkins	273	117	26	100	4	333	243	119
30	Scotts Bluff	5,123	207	289	228	12	171	4,807	205
	Area 3a:								
31	Buffalo	4,873	165	203	176	49	245	4,636	164
32	Custer	1,723	123	53	124	3	300	1,657	121
33	Dawson	4,790	132	206	217	2	160	4,573	129
34	Greeley	941	147	46	103	...	...	896	150
35	Hall	6,300	172	152	138	8	160	6,030	170
36	Howard	1,335	141	90	189	21	155	1,240	139
37	Lincoln	2,670	179	606	169	26	102	2,035	184
38	Sherman	639	164	16	96	1	125	620	167
39	Valley	1,510	152	68	196	...	...	1,429	151

Z 0.05 percent or less.

NEBRASKA
TONS OF LIME



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 131,776	*Corn* 144	*Wheat* 23,435	*Wheat* 119	911	270	38,479	155	159,952	0.7	3,600	1
...	...	...	...	...	...	1	200	...	...	...	2
6	97	...	...	...	...	29	172	35	(Z)	343	3
237	88	18	92	...	...	52	88	80	(Z)	200	4
7	141	1	200	1	400	14	250	1	(Z)	2,000	5
18	189	18	77	...	...	74	200	...	...	...	6
97	114	14	75	...	...	57	143	...	...	...	7
174	114	2	400	...	...	36	173	135	0.1	3,185	8
...	...	...	...	...	...	...	...	...	...	...	9
447	97	48	136	...	...	367	157	377	0.1	1,374	10
4	73	...	...	...	...	29	250	...	...	...	11
28	93	2	80	...	...	44	142	10	(Z)	1,600	12
12	247	4	200	...	...	14	147	...	...	...	13
56	121	...	...	...	...	19	124	...	...	...	14
17	82	...	...	...	...	26	143	...	...	...	15
25	84	...	...	1	400	67	159	8	(Z)	2,000	16
40	117	158	114	4	400	330	290	...	...	...	17
79	151	12	282	4	211	461	220	...	...	...	18
...	...	...	...	...	...	4	133	...	...	...	19
305	120	...	...	1	400	80	123	148	0.1	4,095	20
...	...	9	180	...	...	11	169	...	...	...	21
42	174	8	28	15	200	534	259	...	...	...	22
265	144	104	122	...	...	24	97	...	...	...	23
47	219	11	145	8	229	99	197	...	...	...	24
163	186	20	71	...	...	94	150	...	...	...	25
276	145	32	85	...	...	104	175	...	...	...	26
3	150	4	36	9	321	3	194	...	...	...	27
279	174	15	133	34	254	957	203	...	...	...	28
100	219	123	91	...	...	20	91	...	...	...	29
873	193	54	157	465	263	3,415	203	...	...	...	30
3,897	166	215	115	66	388	458	169	...	...	...	31
1,485	127	76	80	1	333	95	95	26	(Z)	4,077	32
4,206	128	106	117	35	467	226	160	55	(Z)	3,455	33
700	148	104	177	1	400	91	135	13	(Z)	1,846	34
5,068	176	263	96	27	230	672	176	1,207	0.5	2,519	35
973	137	98	129	3	1,200	166	157	770	0.4	3,338	36
1,372	175	48	103	20	400	595	222	101	(Z)	713	37
568	165	6	160	...	...	46	192	...	...	...	38
1,205	157	126	105	...	...	98	167	...	...	...	39

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

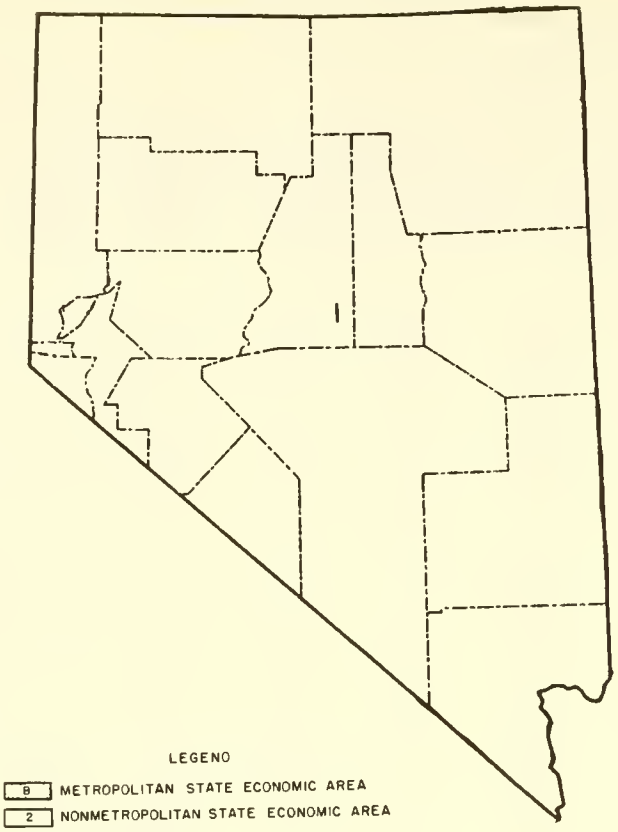
	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Nebraska—Continued								
	Area 3b:								
1	Antelope	4,798	124	311	179	104	86	4,391	122
2	Boone	3,102	141	196	155	90	137	2,779	136
3	Boyd	187	83	10	121	...	...	177	82
4	Colfax	3,006	137	228	160	143	132	2,632	135
5	Knox	2,734	132	416	153	118	152	2,199	129
6	Madison	3,290	150	300	162	71	168	2,876	147
7	Merrick	4,536	165	242	148	46	153	4,247	164
8	Nance	1,657	116	140	147	36	101	1,456	112
9	Pierce	2,237	152	307	194	151	166	1,770	144
10	Platte	3,978	158	270	180	94	145	3,611	157
11	Stanton	2,977	138	349	168	194	128	2,433	135
	Area 4:								
12	Dundy	594	103	86	143	3	300	509	99
13	Franklin	693	155	78	182	...	...	617	152
14	Frontier	261	110	15	126	...	...	245	108
15	Furnas	1,117	148	54	169	...	...	1,064	144
16	Gosper	1,053	188	22	178	...	...	1,028	189
17	Harlan	831	126	31	144	4	160	800	126
18	Hayes	234	178	71	138	7	200	157	206
19	Hitchcock	607	184	146	180	2	160	457	181
20	Kearney	4,343	158	231	160	18	131	4,098	159
21	Nuckolls	2,804	140	50	153	48	256	2,701	137
22	Phelps	3,255	154	90	162	...	...	3,152	153
23	Red Willow	568	184	105	173	...	...	463	184
24	Webster	678	109	26	158	...	...	638	105
	Area 5:								
25	Adams	2,507	130	122	210	2	80	2,359	125
26	Butler	5,074	131	333	161	178	134	4,474	124
27	Clay	3,485	125	75	178	22	160	3,391	124
28	Fillmore	3,901	126	378	501	34	164	3,444	113
29	Hamilton	5,488	129	187	135	94	167	5,156	126
30	Jefferson	1,721	128	95	170	33	145	1,574	124
31	Polk	3,800	126	209	163	155	177	3,414	122
32	Saline	3,131	140	140	168	79	212	2,912	134
33	Seward	5,517	117	340	158	152	121	5,023	115
34	Thayer	2,632	148	198	184	20	157	2,407	145
35	York	4,862	129	265	153	99	165	4,407	124
	Area 6:								
36	Burt	6,202	170	640	268	110	165	5,426	163
37	Cedar	4,153	157	407	163	124	160	3,595	152
38	Cuming	3,848	171	574	178	117	144	3,092	171
39	Dakota	2,962	178	428	220	36	218	2,496	171
40	Dixon	3,832	171	598	170	45	171	3,140	165
41	Dodge	7,924	163	490	174	250	154	7,182	161
42	Thurston	2,219	155	466	174	50	155	1,723	152
43	Washington	4,692	154	542	160	240	155	3,914	153
44	Wayne	3,070	180	600	188	176	221	2,288	175
	Area 7:								
45	Cass	6,056	135	318	171	240	175	5,457	131
46	Gage	4,930	135	450	240	100	155	4,387	128
47	Johnson	2,558	179	200	243	25	179	2,293	174
48	Nemaha	4,076	155	427	196	180	171	3,496	152
49	Otoe	4,328	151	392	197	252	188	3,633	142
50	Pawnee	3,096	177	254	198	91	204	2,758	172
51	Richardson	4,576	171	285	193	88	180	4,172	167
52	Saunders	7,982	132	266	177	186	144	7,454	130
	Metropolitan Area A:								
53	Lancaster	4,754	125	198	173	227	134	4,302	122
	Metropolitan Area B:								
54	Douglas	4,663	161	445	201	160	158	4,031	159
55	Sarpy	2,073	116	182	141	70	126	1,821	113

Z 0.05 percent or less.

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Wheat*	*Wheat*								
3,232	118	97	115	6	185	1,056	139	2,720	0.8	2,508	1
2,226	143	58	118	1	400	494	112	441	0.1	2,553	2
68	74	...	...	...	...	109	88	...	...	...	3
1,782	136	294	131	...	...	556	134	1,270	0.6	2,087	4
878	128	16	134	...	...	1,305	130	100	(Z)	1,200	5
2,066	146	52	182	3	69	755	150	675	0.2	4,178	6
3,537	169	206	128	...	...	504	153	4,502	2.3	3,044	7
1,112	110	134	100	...	...	210	138	1,585	0.9	3,142	8
987	140	36	178	...	...	747	148	1,165	0.5	3,082	9
2,490	152	287	148	...	...	834	175	6,170	1.8	2,561	10
1,739	131	28	129	...	...	666	147	4,894	2.5	2,946	11
352	90	33	102	...	...	124	138	25	(Z)	240	12
355	189	168	112	...	...	94	138	...	...	...	13
161	131	68	80	...	...	16	87	...	...	...	14
825	147	167	145	...	...	72	116	...	...	...	15
840	192	102	170	...	...	86	188	...	...	...	16
484	136	237	103	...	...	79	163	...	...	...	17
128	242	24	123	...	...	5	133	...	...	...	18
421	188	20	115	...	...	16	145	...	...	...	19
2,932	154	492	119	...	...	674	272	309	0.1	2,000	20
1,440	160	863	113	2	100	396	127	3,365	1.4	2,966	21
2,724	156	232	134	...	...	196	140	...	...	...	22
394	191	14	130	1	500	54	157	...	...	...	23
368	113	197	95	...	...	73	101	...	...	...	24
1,414	149	743	97	...	...	202	113	585	0.2	3,897	25
3,148	126	869	118	...	...	457	120	3,830	1.3	3,423	26
2,054	151	1,003	92	...	...	334	119	1,525	0.6	3,351	27
1,799	138	1,254	91	...	...	391	110	5,170	1.7	3,704	28
3,745	134	729	97	...	...	682	127	2,820	1.0	3,670	29
748	114	542	127	...	...	284	152	4,645	1.9	4,101	30
2,434	117	572	127	...	...	408	148	5,685	2.5	3,247	31
1,477	139	923	118	...	...	512	157	4,020	1.5	4,557	32
3,142	116	1,399	114	2	800	480	109	5,375	1.9	4,193	33
756	156	937	122	...	...	714	175	5,335	2.0	3,788	34
3,208	126	690	109	4	80	505	135	3,875	1.3	3,879	35
4,308	173	234	136	...	...	884	131	3,590	1.4	3,294	36
1,864	159	10	138	1	400	1,720	146	...	...	...	37
2,108	173	48	167	...	...	936	165	6,432	2.2	2,758	38
1,680	176	...	...	1	400	815	161	...	...	...	39
1,730	170	6	120	6	240	1,398	158	160	0.1	1,938	40
5,186	162	850	143	22	232	1,124	175	4,800	1.7	3,506	41
1,001	146	6	92	...	...	716	162	1,100	0.6	2,091	42
2,916	160	152	152	10	400	836	132	1,220	0.6	3,648	43
1,530	174	20	205	...	...	738	179	400	0.2	2,525	44
4,450	131	436	130	...	...	571	131	10,275	3.9	3,950	45
2,390	141	1,282	108	...	...	715	128	11,940	3.1	4,152	46
1,566	168	398	174	...	...	329	206	3,423	2.1	3,990	47
2,406	146	618	158	3	600	469	176	7,025	3.8	3,863	48
2,328	138	802	160	...	...	503	132	9,500	3.2	3,931	49
1,448	152	712	177	...	...	598	241	6,920	4.7	4,120	50
2,822	163	810	188	...	...	540	161	9,615	3.8	4,233	51
5,723	129	698	127	1	400	1,032	137	5,396	1.5	2,953	52
2,992	123	1,000	123	34	189	276	105	3,716	1.0	3,943	53
3,277	156	106	174	114	348	534	154	968	0.7	3,657	54
1,511	108	62	170	5	80	243	139	420	0.4	4,000	55

NEVADA
TONS OF FERTILIZER

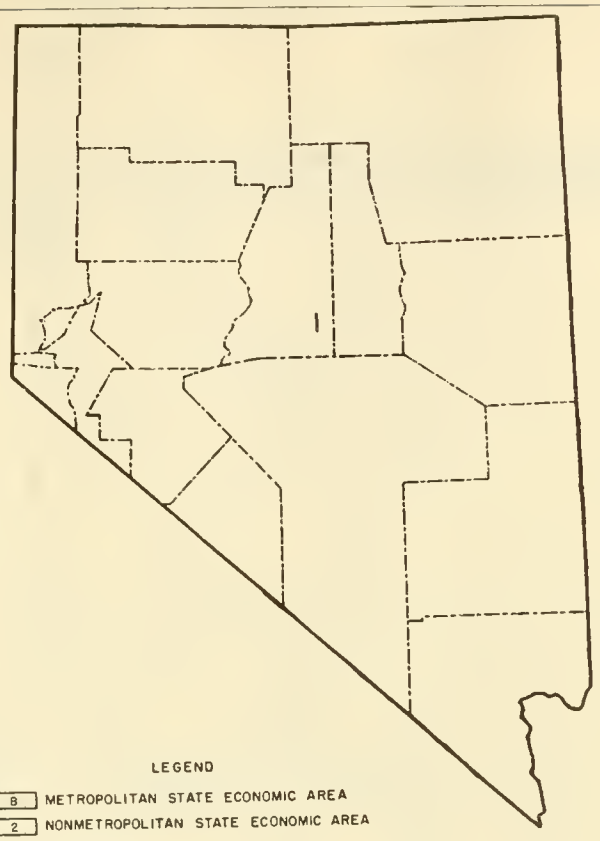


Map No. A54-438

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Nevada, total	3,284	228	1,359	192	210	186	1,713	275
	Area 1:								
2	Churchill	219	177	75	153	23	188	121	195
3	Clark	408	223	260	171	3	150	146	499
4	Douglas	53	243	20	444	5	222	28	185
5	Elko	339	213	311	205	22	386	6	364
6	Esmeralda	25	769	25	769	...	...	...	...
7	Eureka	60	116	60	116	...	...	...	...
8	Humboldt	72	257	...	...	1	200	70	255
9	Lander	6	164	6	164	...	...	...	...
10	Lincoln	21	223	21	227	...	...	...	...
11	Lyon	378	405	52	334	12	130	314	458
12	Mineral	...	...	...	...	...	...	...	...
13	Nye	356	484	100	667	...	...	256	438
14	Ormsby	9	157	8	147	...	...	1	333
15	Pershing	726	172	112	167	140	175	473	172
16	Storey	30	148	...	...	...	...	30	148
17	Washoe	547	245	274	172	4	533	268	422
18	White Pine	35	179	35	179	...	...	...	...

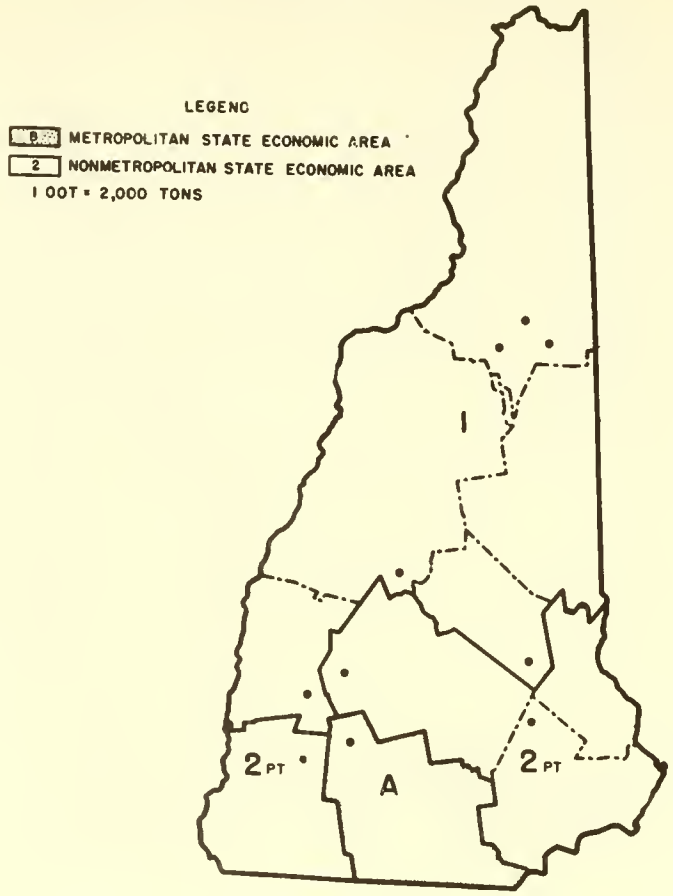
Z 0.05 percent or less.



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Sugar beets	*Sugar beets*	*Wheat*	*Wheat*								
...	...	326	191	518	487	869	252	17	(Z)	7,647	1
...	...	47	200	1	400	73	190	10	(Z)	7,000	2
...	...	...	...	108	1,168	38	190	...	...	...	3
...	...	3	162	4	73	21	271	...	...	...	4
...	...	...	...	2	364	4	364	...	...	...	5
...	...	...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	7
...	...	...	...	52	320	18	160	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	9
...	...	...	...	...	...	...	...	...	...	...	10
...	...	13	208	188	540	113	410	7	(Z)	8,571	11
...	...	...	...	...	...	...	...	...	...	...	12
...	...	...	...	...	...	256	438	...	...	...	13
...	...	...	...	1	333	...	...	...	...	...	14
...	...	229	188	...	...	244	159	...	...	...	15
...	...	...	...	10	160	20	143	...	...	...	16
...	...	34	194	152	461	82	633	...	...	...	17
...	...	...	...	...	...	...	...	...	...	...	18

NEW HAMPSHIRE
TONS OF FERTILIZER

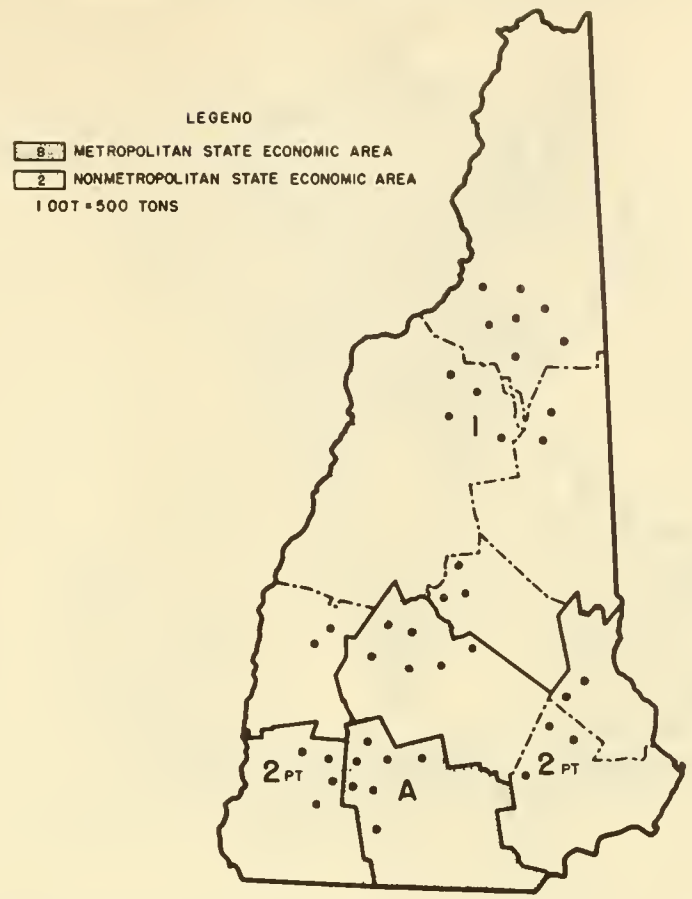


Map No. A54-440

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	New Hampshire, total	17,916	516	9,509	410	666	419	7,737	779
	Area 1:								
2	Belknap	1,218	539	795	500	74	460	349	684
3	Carroll	560	615	261	451	72	2,400	227	753
4	Coos	5,163	652	2,676	425	42	525	2,443	1,581
5	Grafton	2,407	501	1,173	376	162	501	1,072	789
6	Sullivan	1,194	558	668	502	28	373	498	679
	Area 2:								
7	Cheshire	1,288	361	736	312	77	210	475	562
8	Merrimack	2,103	472	1,379	450	84	323	640	566
9	Rockingham	1,608	523	764	459	78	547	766	604
10	Strafford	477	394	280	309	5	400	192	658
	Metropolitan Area A:								
11	Hillsborough	1,898	434	777	340	44	320	1,075	550

NEW HAMPSHIRE
TONS OF LIME

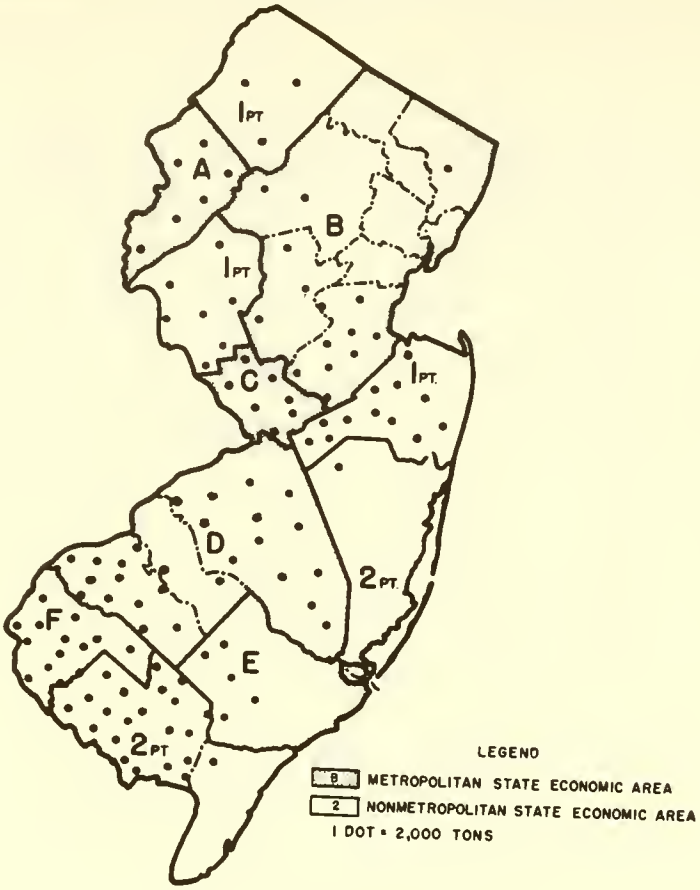


Map No. A54-441

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, snd potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per scre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 2,319	*Corn* 530	*Tobacco* ...	*Tobacco* ...	4,748	1,056	670	628	16,676	4.3	2,309	1
104	684	...	...	230	680	15	750	1,095	4.9	2,371	2
82	777	...	...	99	892	46	541	1,019	5.4	1,994	3
137	522	...	...	2,000	2,905	306	515	2,344	5.9	2,926	4
407	538	...	...	572	1,134	93	954	1,529	2.5	2,692	5
302	592	...	...	96	1,097	100	741	865	2.5	1,780	6
304	430	...	...	164	1,432	7	311	2,010	6.3	1,891	7
302	503	...	...	276	588	62	992	2,326	4.7	2,735	8
269	598	...	...	478	613	19	507	1,820	3.6	1,610	9
70	407	...	...	105	955	17	1,700	535	2.0	3,215	10
342	520	...	...	728	563	5	2,000	3,133	5.9	2,092	11

NEW JERSEY
TONS OF FERTILIZER

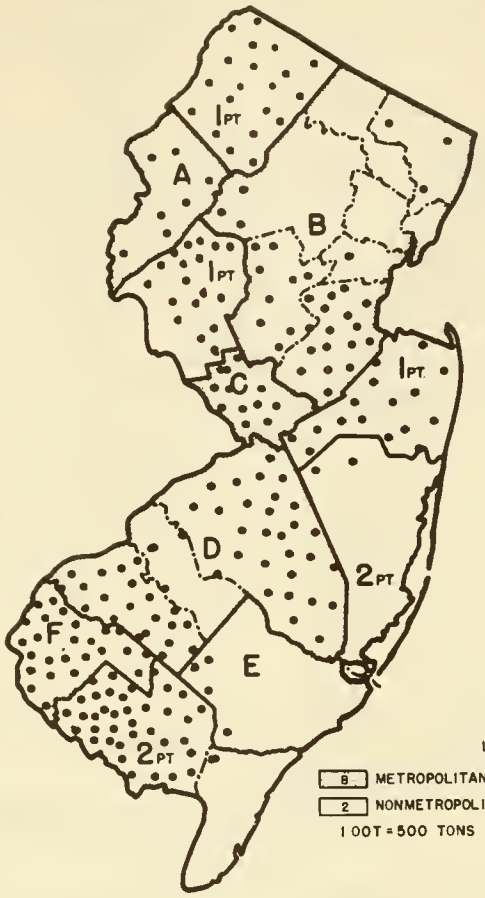


Map No. A54-444

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	New Jersey, total	237,729	776	28,604	479	4,029	433	203,826	860
	Area 1:								
2	Hunterdon	13,428	418	3,624	450	608	413	9,165	412
3	Monmouth	23,975	772	1,716	515	419	506	21,572	798
4	Sussex	6,139	415	2,958	418	448	527	2,729	398
	Metropolitan Area A:								
5	Warren	11,534	479	2,996	398	206	281	8,246	520
	Metropolitan Area B:								
6	Bergen	2,164	1,217	101	454	4	267	2,044	1,351
7	Essex	362	944	10	500	...	...	352	975
8	Hudson	110	2,933	...	...	...	...	110	2,933
9	Middlesex	18,117	930	1,595	586	104	462	16,297	971
10	Morris	4,465	545	1,968	524	180	649	2,345	552
11	Passaic	304	732	58	748	...	...	247	732
12	Somerset	6,226	398	1,806	389	208	256	4,208	414
13	Union	684	1,335	5	200	...	...	680	1,395
	Metropolitan Area C:								
14	Mercer	13,974	705	1,634	489	120	343	12,209	757
	Area 2:								
15	Cape May	2,003	825	14	400	12	533	1,983	838
16	Cumberland	41,025	1,466	893	647	158	448	39,966	1,526
17	Ocean	1,366	506	192	378	44	503	1,129	539
	Metropolitan Area D:								
18	Burlington	25,766	717	3,690	464	660	449	21,037	811
19	Camden	4,092	895	288	524	...	...	3,766	944
20	Gloucester	23,956	958	1,357	649	86	280	22,421	983
	Metropolitan Area E:								
21	Atlantic	10,100	1,352	25	400	32	640	9,956	1,332
	Metropolitan Area F:								
22	Salem	27,939	873	3,674	579	740	509	23,364	965

NEW JERSEY
TONS OF LIME



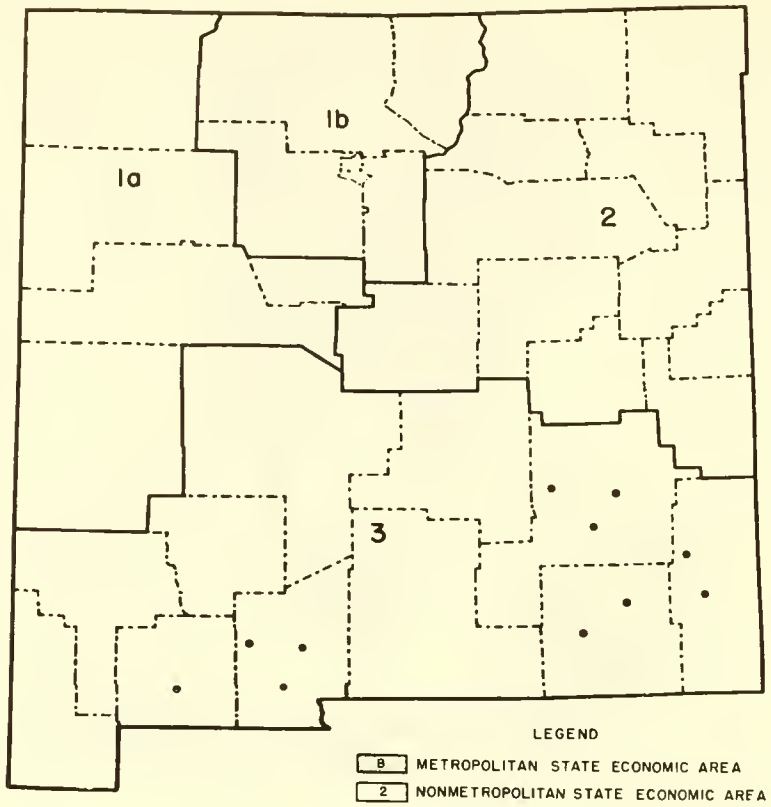
Map No. A54-445

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 47,217	*Corn* 556	*Wheat* 9,507	*Wheat* 413	127,704	1,377	19,398	532	125,920	11.4	1,799	1
5,064	429	1,762	390	412	828	1,927	355	11,545	8.4	1,564	2
7,428	714	1,876	434	10,674	1,297	1,594	391	10,125	10.1	1,541	3
2,068	396	26	274	159	464	476	395	7,459	7.8	2,681	4
3,154	369	380	301	3,244	1,421	1,468	391	3,890	4.0	1,841	5
70	596	...	...	1,478	1,255	496	2,280	1,795	26.6	1,487	6
5	333	...	...	322	988	25	1,250	365	18.7	1,205	7
...	...	...	...	100	2,857	10	4,000	...	...	...	8
2,681	619	1,530	402	10,796	1,864	1,290	451	11,576	24.3	1,363	9
1,211	560	108	389	424	528	602	598	2,005	4.7	1,397	10
59	562	...	...	154	821	34	756	170	4.6	1,412	11
1,858	439	852	400	210	472	1,288	384	5,025	7.3	2,076	12
14	255	...	...	158	658	508	2,639	435	19.7	2,345	13
3,931	648	1,428	392	4,884	1,842	1,966	522	7,610	12.8	1,583	14
454	595	...	...	1,511	961	18	554	260	2.4	2,269	15
3,108	855	132	1,389	36,306	1,642	420	1,226	19,850	24.8	1,814	16
706	713	31	564	276	315	116	663	1,025	4.6	1,795	17
5,870	599	434	443	12,094	1,165	2,639	553	13,345	10.6	2,179	18
272	318	8	200	3,312	1,166	174	689	1,570	7.9	1,936	19
2,375	558	190	487	18,476	1,152	1,380	652	11,960	16.8	1,730	20
360	862	...	...	9,134	1,422	462	728	2,240	9.7	1,795	21
6,529	586	750	544	13,580	1,431	2,505	1,137	13,670	15.2	1,830	22

NEW MEXICO

TONS OF FERTILIZER



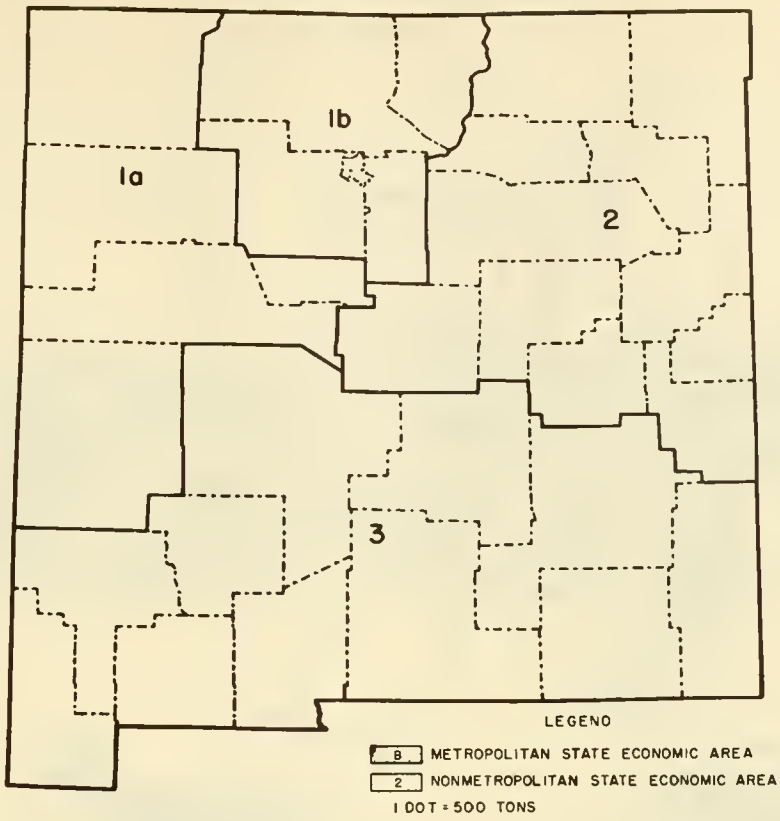
Map No. A54-442

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	New Mexico, total	28,932	246	8,905	206	115	155	19,839	269
	Area 1a:								
2	Bernalillo	397	170	252	140	2	133	136	251
3	Catron	10	114	10	114	...	...	...	...
4	McKinley	36	196	30	198	...	...	5	156
5	San Juan	491	181	305	188	52	155	143	185
6	Valencia	506	142	300	117	10	138	194	202
	Area 1b:								
7	Los Alamos	...	...	...	...	...	...	...	...
8	Rio Arriba	88	118	78	123	1	12	10	364
9	Sandoval	56	122	39	109	8	168	8	174
10	Santa Fe	204	217	70	157	...	...	134	269
11	Taos	71	118	36	103	7	175	27	127
	Area 2:								
12	Colfax	22	180	21	177	1	286	...	...
13	Curry	286	155	7	350	1	400	278	153
14	De Baca	181	203	150	191	...	...	31	295
15	Guadalupe	45	158	45	160	...	...	...	...
16	Harding	...	...	...	...	...	...	...	...
17	Mora	18	106	18	106	...	...	...	...
18	Quay	310	193	190	172	2	800	118	238
19	Roosevelt	664	221	304	208	8	195	347	233
20	San Miguel	7	127	5	120	2	200	...	...
21	Torrance	689	203	249	193	5	147	435	210
22	Union	5	1,000	...	...	...	...	5	1,000
	Area 3:								
23	Chaves	6,037	245	2,577	226	...	...	3,429	262
24	Dona Ana	6,054	257	1,641	234	2	800	4,400	262
25	Eddy	4,786	275	1,560	223	...	...	3,216	309
26	Grant	4	88	3	72	...	...	1	250
27	Hidalgo	854	209	14	105	2	800	840	209
28	Lea	4,032	328	584	211	7	156	3,438	363
29	Lincoln	65	190	44	170	...	...	21	253
30	Luna	2,437	242	71	196	...	...	2,353	241
31	Otero	111	130	28	75	...	...	84	175
32	Sierra	130	227	39	408	...	...	90	188
33	Socorro	336	602	235	508	5	1,000	96	1,061

2 0.05 percent or less.

NEW MEXICO
TONS OF LIME



Map No. A54-443

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 524	*Corn* 249	*Cotton* 14,430	*Cotton* 268	1,902	394	2,983	232	451	(Z)	2,200	1
18	91	...	...	89	462	29	190	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	3
4	133	...	...	1	500	...	...	...	...	...	4
77	207	...	...	24	88	42	323	130	0.3	308	5
5	67	...	...	147	262	42	129	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	7
2	400	...	...	8	356	...	...	...	...	...	8
2	200	...	...	6	167	...	...	...	...	...	9
40	193	...	...	56	415	38	244	...	...	...	10
...	...	...	...	2	133	25	127	...	...	...	11
...	...	...	...	...	...	...	...	...	...	...	12
1	400	19	154	...	...	258	152	...	...	...	13
...	...	25	294	5	2,000	1	57	...	...	...	14
...	...	...	...	...	...	...	...	...	...	...	15
...	...	...	...	...	...	...	...	...	...	...	16
...	...	...	...	...	...	...	...	...	...	...	17
18	343	13	419	5	1,000	82	201	...	...	...	18
1	200	180	231	31	302	135	224	...	...	...	19
...	...	...	...	...	...	...	...	...	...	...	20
67	264	...	...	12	400	356	199	...	...	...	21
...	...	...	...	5	1,000	...	...	...	...	...	22
11	440	2,851	258	...	...	567	285	321	0.3	2,966	23
104	340	3,552	255	448	297	296	276	...	...	...	24
18	514	2,892	296	16	582	290	516	...	...	...	25
...	...	...	...	1	500	...	...	...	...	...	26
4	89	656	200	6	133	174	270	...	...	...	27
11	278	2,084	335	995	594	348	229	...	...	...	28
5	625	11	163	1	667	4	667	...	...	...	29
45	119	2,019	258	2	89	287	186	...	...	...	30
...	...	58	159	23	232	3	200	...	...	...	31
1	200	70	173	19	281	...	...	...	...	...	32
90	1,800	...	...	...	...	6	150	...	...	...	33

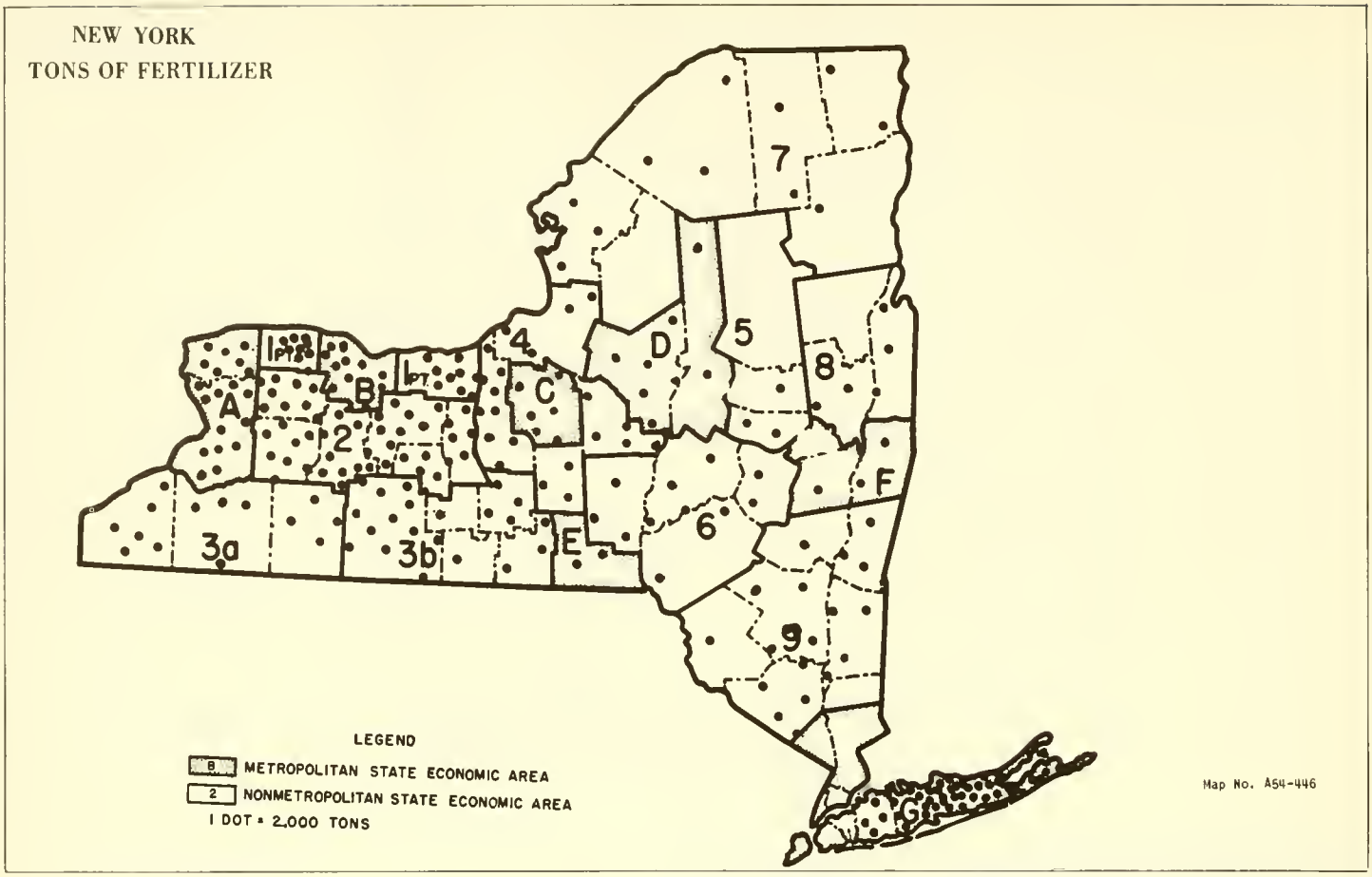
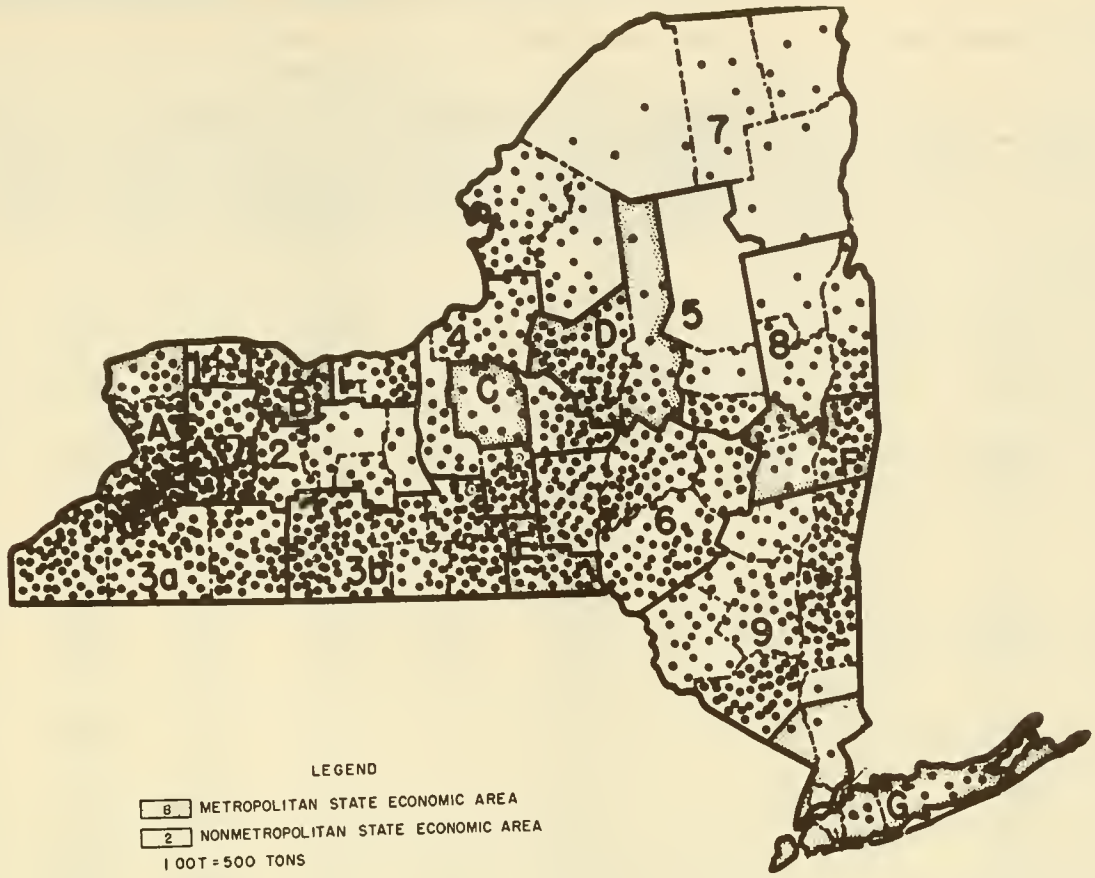


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	New York, total	516,850	454	48,324	337	8,811	348	454,193	468
	Area 1:								
2	Orleans	18,250	474	852	342	62	241	17,008	481
3	Wayne	18,495	411	529	264	55	202	17,613	418
	Metropolitan Area A:								
4	Erie	23,112	541	1,166	319	200	428	21,329	555
5	Niagara	13,389	338	474	266	86	465	12,619	333
	Metropolitan Area B*								
6	Monroe	22,384	447	566	247	264	338	21,154	446
	Area 2:								
7	Genesee	17,451	410	620	378	342	351	16,384	410
8	Livingston	16,526	359	721	321	79	290	15,482	362
9	Ontario	20,703	379	798	362	134	273	19,554	378
10	Seneca	8,573	275	483	260	26	182	8,124	277
11	Wyoming	15,268	425	1,316	307	304	319	13,419	430
12	Yates	8,158	345	292	349	48	336	7,659	344
	Area 3a:								
13	Allegany	7,887	336	804	290	178	361	6,770	336
14	Cattaraugus	8,079	357	1,202	379	259	475	6,497	343
15	Chautauqua	11,937	390	1,250	273	337	362	10,169	402
	Area 3b:								
16	Chemung	2,400	384	202	233	5	1,000	2,175	402
17	Schuyler	2,181	308	192	411	14	243	1,943	299
18	Steuben	24,402	511	1,058	323	596	358	22,511	527
19	Tioga	5,826	353	986	329	274	273	4,514	361
20	Tompkins	8,020	340	708	323	125	188	7,079	339
	Area 4:								
21	Cayuga	18,570	351	1,095	366	116	336	17,074	343
22	Cortland	5,170	372	722	331	196	335	4,215	381
23	Madison	10,812	417	1,428	463	362	496	8,887	404
24	Oswego	7,704	452	742	354	83	377	6,746	453
	Metropolitan Area C:								
25	Onondaga	11,700	344	1,098	339	100	513	10,327	342



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 110,153	*Corn* 359	*Wheat* 50,122	*Wheat* 338	184,299	1,043	109,619	325	398,289	5.0	2,970	1
3,652	362	2,566	364	8,529	763	2,261	322	5,226	3.5	2,615	2
3,041	356	2,747	346	8,154	535	3,671	351	4,598	2.3	4,001	3
4,298	414	2,024	372	11,327	976	3,680	335	21,300	9.1	2,534	4
3,966	360	3,290	340	3,162	336	2,201	283	4,290	2.1	2,760	5
4,224	368	4,444	345	8,076	819	4,410	333	7,434	3.4	3,100	6
4,562	360	3,618	340	4,490	923	3,714	315	5,291	3.0	3,221	7
4,052	318	3,584	308	3,454	1,138	4,392	287	6,198	2.8	2,959	8
4,785	360	4,694	334	3,739	665	6,336	338	3,085	1.5	2,587	9
1,815	309	2,201	276	346	427	3,762	256	1,516	1.3	2,546	10
3,747	411	2,166	376	2,666	954	4,840	358	14,400	8.0	3,228	11
1,694	330	1,883	305	1,730	513	2,352	310	2,680	2.4	2,623	12
1,241	322	540	363	1,232	896	3,757	280	13,060	7.4	3,208	13
2,476	356	333	310	368	884	3,320	317	15,891	8.3	3,012	14
2,565	344	882	371	3,946	574	2,776	324	12,415	5.2	3,923	15
734	331	314	342	411	1,134	716	373	3,890	5.6	2,761	16
522	347	509	302	118	258	794	279	4,390	6.0	2,934	17
2,177	317	2,096	327	11,284	1,631	6,954	308	23,130	7.5	2,773	18
1,574	318	428	362	610	1,984	1,902	314	9,485	8.4	2,900	19
2,556	368	1,372	330	229	481	2,922	314	7,772	7.0	3,010	20
5,645	326	2,865	313	2,714	739	5,850	298	3,525	1.6	3,265	21
1,643	346	160	299	633	1,263	1,779	337	10,542	11.1	2,961	22
3,078	332	457	297	2,810	848	2,542	323	9,543	5.8	2,458	23
2,340	377	550	390	2,239	798	1,617	363	9,680	6.5	2,457	24
4,136	319	1,580	335	1,008	848	3,603	317	3,875	1.9	2,395	25

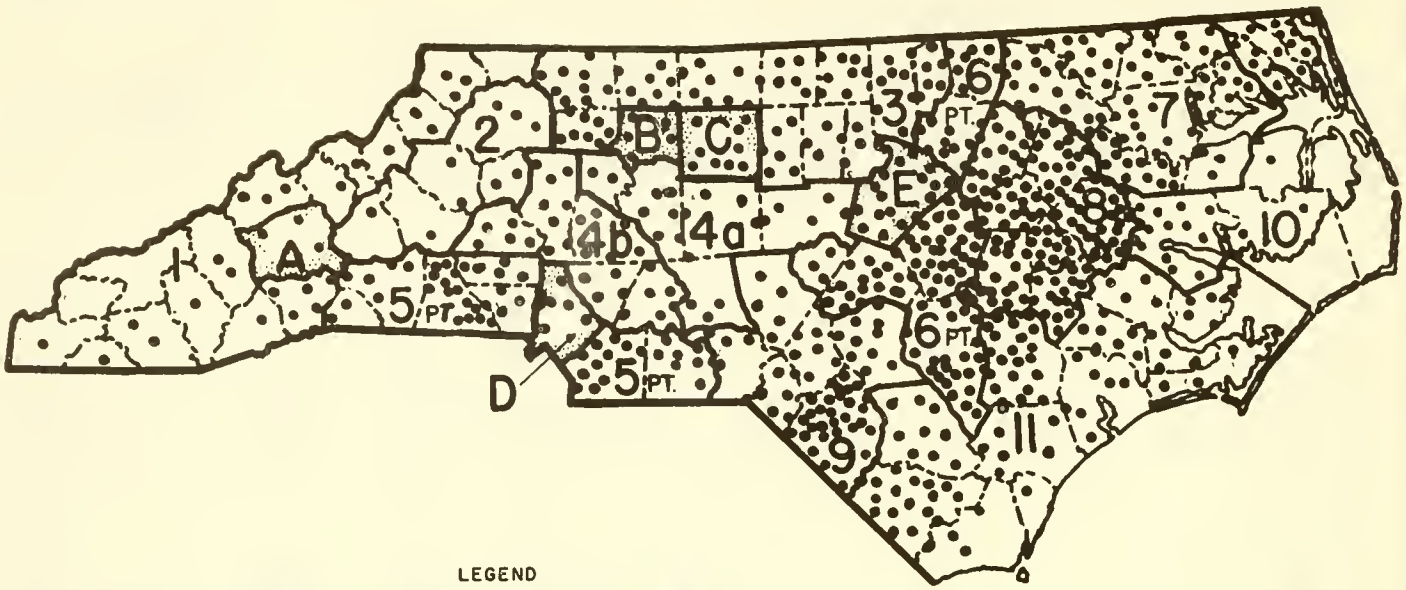
Table I.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	New York—Continued								
	Area 5:								
1	Fulton	1,109	314	90	720	39	220	986	303
2	Hamilton	...	...	...	...	...	...	...	...
3	Montgomery	4,190	310	484	243	68	296	3,639	328
	Metropolitan Area D:								
4	Herkimer	4,852	411	666	279	202	388	3,895	429
5	Oneida	11,672	430	1,167	334	176	461	10,303	442
	Area 6:								
6	Chenango	5,376	361	1,186	279	516	629	3,586	372
7	Delaware	4,768	334	2,314	257	300	322	2,205	505
8	Otsego	8,532	389	1,839	311	336	278	6,275	423
9	Schoharie	4,518	347	1,344	367	184	260	2,925	333
	Metropolitan Area E:								
10	Broome	4,052	369	944	358	230	250	2,824	370
	Area 7:								
11	Clinton	3,642	349	648	270	42	522	2,930	367
12	Essex	1,246	512	205	375	51	675	973	527
13	Franklin	4,687	513	530	235	32	441	4,088	598
14	Jefferson	5,138	329	1,020	344	130	406	3,984	317
15	Lewis	4,172	340	1,133	453	160	288	2,815	302
16	St. Lawrence	5,892	354	1,696	297	174	380	3,946	370
	Area 8:								
17	Saratoga	3,644	370	401	300	28	303	3,156	374
18	Warren	559	307	223	372	100	179	235	354
19	Washington	5,067	349	804	339	226	300	4,008	346
	Metropolitan Area F:								
20	Albany	2,466	394	310	317	64	298	2,066	414
21	Rensselaer	4,904	394	580	327	75	328	4,296	413
22	Schenectady	942	345	232	339	25	204	672	348
	Area 9:								
23	Columbia	6,723	368	1,600	357	170	314	4,855	361
24	Dutchess	8,645	436	2,752	416	418	459	5,366	433
25	Greene	1,462	486	364	322	42	323	1,004	591
26	Orange	10,856	620	3,146	418	368	387	7,330	802
27	Putnam	548	446	358	602	68	495	123	248
28	Sullivan	1,362	496	760	471	88	568	512	538
29	Ulster	8,144	414	779	390	152	373	7,149	420
	Metropolitan Area G:								
30	Bronx	2	400	...	...	...	...	2	400
31	Kings	67	2,436	...	...	...	...	67	2,436
32	Nassau	7,322	1,933	295	511	20	136	7,006	2,299
33	New York	...	...	...	...	...	...	...	...
34	Queens	109	1,730	...	...	...	...	109	1,730
35	Richmond	132	1,288	...	...	...	...	112	1,093
36	Rockland	988	521	166	437	...	...	823	542
37	Suffolk	71,341	2,196	856	658	...	...	70,178	2,269
38	Westchester	724	586	128	440	82	538	498	658

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Wheat*	*Wheat*								
520	307	54	296	42	480	370	287	1,425	3.4	3,018	1
...	...	...	...	...	...	...	...	...	...	...	2
1,263	262	356	358	796	1,109	1,224	268	4,375	3.2	3,694	3
1,240	361	318	398	1,188	887	1,149	327	5,539	3.7	3,272	4
3,537	347	310	343	3,764	728	2,692	383	16,715	7.2	3,267	5
1,853	373	70	409	429	530	1,234	334	11,862	7.6	3,298	6
1,298	458	5	133	382	1,661	520	411	14,424	7.3	3,068	7
2,423	395	370	646	1,434	843	2,048	319	13,468	6.4	3,320	8
1,274	342	252	328	257	873	1,142	286	5,978	4.3	2,725	9
1,434	391	69	383	227	631	1,094	319	8,691	7.2	3,054	10
1,532	408	16	427	406	350	976	322	1,645	1.1	2,736	11
238	344	32	256	457	905	246	469	1,460	2.3	3,048	12
972	447	...	...	1,570	1,804	1,546	408	2,105	1.7	2,622	13
1,622	327	276	325	163	665	1,923	295	10,644	3.2	2,574	14
784	344	26	473	30	1,053	1,975	284	5,535	3.9	3,099	15
1,932	393	63	365	109	597	1,842	341	6,250	1.7	2,319	16
1,464	329	186	345	458	425	1,048	444	3,180	3.0	3,160	17
77	215	...	...	64	522	94	515	789	4.4	3,328	18
2,704	346	104	315	114	642	1,086	333	6,395	3.6	3,145	19
520	310	239	378	822	802	485	293	2,360	2.5	3,538	20
1,886	373	354	353	1,012	780	1,044	343	7,530	6.2	3,312	21
312	322	64	356	86	430	210	362	1,580	4.3	3,051	22
2,255	364	338	358	1,258	417	1,004	306	10,958	7.6	3,045	23
2,795	418	177	389	1,336	475	1,058	432	11,086	7.5	3,537	24
234	422	152	661	215	473	403	876	2,956	4.1	3,735	25
1,802	425	26	650	5,412	1,177	90	346	13,510	9.6	2,488	26
52	270	...	...	46	179	25	556	541	4.0	2,318	27
331	509	5	323	8	444	168	628	5,130	7.8	3,316	28
2,174	431	389	406	3,924	435	662	333	8,362	8.8	3,190	29
...	...	...	...	...	...	2	400	...	...	...	30
...	...	...	...	50	2,857	17	1,700	40	38.1	750	31
22	1,467	65	1,529	6,221	2,337	698	2,131	1,170	13.6	2,821	32
...	...	...	...	...	...	...	...	...	...	...	33
...	...	...	...	75	3,000	34	895	105	48.6	1,524	34
...	...	...	...	80	889	32	2,560	130	16.0	1,538	35
15	333	...	...	656	451	152	7,600	1,040	18.6	1,106	36
1,041	818	503	409	67,739	2,449	895	1,175	7,410	9.7	1,046	37
24	667	...	...	194	382	280	1,318	685	3.6	2,365	38

NORTH CAROLINA
TONS OF FERTILIZER

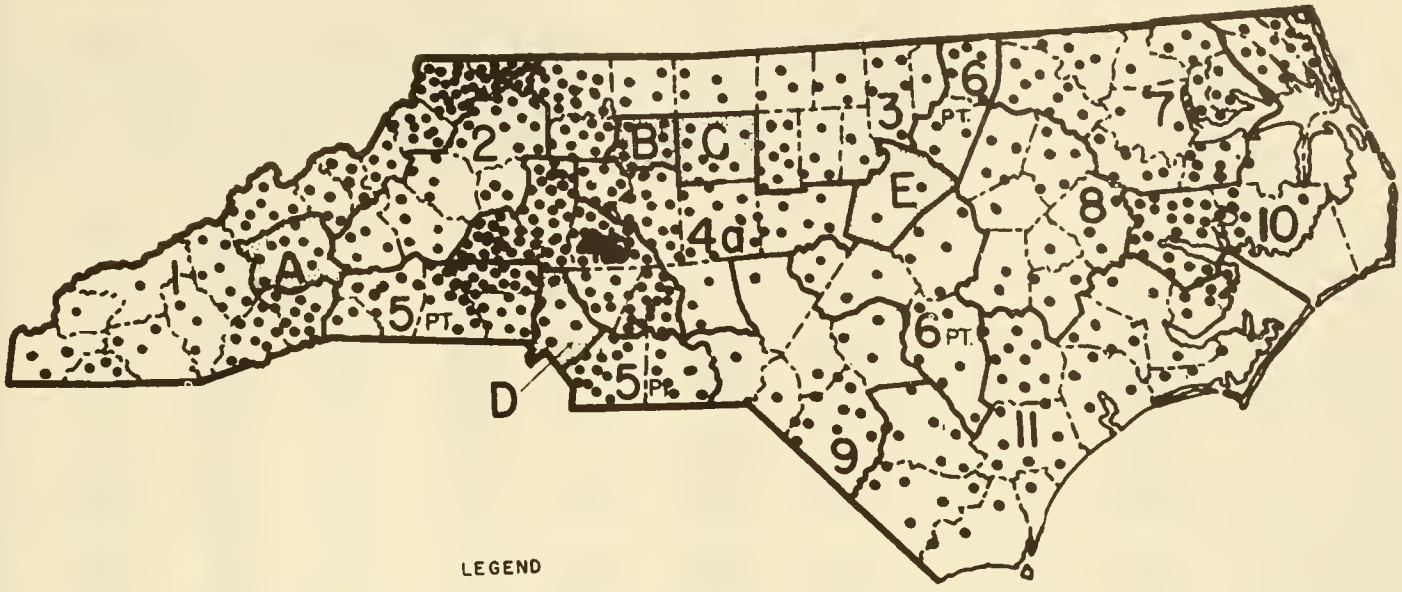


Map No. A54-448

Table 1.-USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	North Carolina, total	1,397,770	573	101,717	386	39,642	403	1,251,327	606
	Area 1:								
2	Alleghany	2,692	491	612	474	493	433	1,570	519
3	Ashe	6,132	524	1,226	352	592	410	4,244	628
4	Avery	2,801	833	313	376	156	606	2,293	1,017
5	Cherokee	1,993	401	381	389	208	448	1,397	395
6	Clay	1,435	384	585	385	22	169	821	394
7	Graham	930	640	104	438	60	706	770	691
8	Haywood	4,063	441	980	402	496	207	2,615	605
9	Henderson	9,052	633	1,064	405	480	466	7,474	705
10	Jackson	2,406	510	702	411	209	510	1,491	587
11	Macon	3,099	463	1,256	464	296	378	1,582	486
12	Madison	5,491	655	796	365	188	304	4,494	803
13	Mitchell	2,336	535	542	399	302	348	1,485	693
14	Swain	350	331	78	235	10	667	261	369
15	Transylvania	2,273	432	552	334	118	355	1,596	492
16	Watauga	4,565	544	794	360	663	294	3,043	805
17	Yancey	2,193	550	305	422	77	318	1,779	612
	Metropolitan Area A:								
18	Buncombe	5,164	466	1,382	402	690	323	3,060	543
	Area 2:								
19	Alexander	4,127	418	690	357	294	408	3,110	440
20	Burke	2,810	339	1,136	350	124	268	1,482	324
21	Caldwell	4,051	362	1,242	325	304	339	2,490	384
22	McDowell	1,806	330	501	348	181	358	1,121	320
23	Wilkes	6,760	446	2,338	536	407	537	3,984	402
	Area 3:								
24	Alamance	11,170	436	1,577	344	965	399	8,476	456
25	Caswell	12,856	599	1,142	506	406	468	11,356	623
26	Durham	5,140	574	550	397	206	595	4,336	597
27	Granville	18,261	709	701	404	412	378	17,171	758
28	Orange	7,628	450	546	340	762	349	6,393	496
29	Person	13,806	631	722	313	706	434	12,451	690
30	Rockingham	15,952	594	1,505	383	732	401	13,683	656
31	Stokes	14,529	683	842	366	460	474	12,976	716
32	Surry	17,703	617	2,316	334	910	440	14,414	732
33	Vance	12,427	795	932	408	290	706	11,169	867
34	Yadkin	13,033	502	1,764	352	728	414	10,363	554

NORTH CAROLINA
TONS OF LIME



Map No. A54-449

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 457,221	*Corn* 464	*Tobacco* 421,844	*Tobacco* 1,287	76,531	891	295,731	441	311,977	4.2	1,906	1
872	469	156	1,418	126	775	416	465	5,830	10.7	2,813	2
1,715	487	779	1,282	1,456	729	294	469	7,389	7.9	2,792	3
580	772	85	1,030	1,452	1,237	176	711	2,010	7.9	2,090	4
1,144	373	41	1,224	110	524	102	443	1,444	6.1	2,217	5
729	367	19	1,900	59	1,388	14	311	2,510	17.3	1,135	6
373	451	279	1,691	112	996	6	600	330	3.5	2,697	7
1,431	462	861	1,369	275	547	48	533	5,027	17.4	1,342	8
1,810	524	24	1,846	5,502	808	138	412	3,033	6.6	2,991	9
851	469	99	1,414	487	799	54	1,187	1,916	5.7	1,492	10
1,133	429	33	660	398	762	18	450	1,913	6.8	1,768	11
1,580	449	2,564	1,665	308	688	42	480	2,565	3.6	2,713	12
670	503	424	1,402	347	816	44	533	1,375	6.2	2,858	13
170	289	20	1,600	71	660	...	...	416	6.2	1,322	14
1,120	432	34	1,046	396	719	46	657	3,558	21.8	2,523	15
983	550	490	1,341	1,414	1,090	156	473	2,741	7.6	2,759	16
820	436	714	1,245	221	548	24	533	1,745	5.9	2,492	17
1,557	391	1,046	1,351	342	576	115	400	3,215	5.2	2,451	18
816	333	1,045	1,292	180	283	1,069	337	1,382	2.8	2,240	19
744	300	...	...	165	598	573	316	2,120	5.7	2,146	20
1,088	373	352	1,043	212	458	838	303	2,365	6.7	1,545	21
664	310	12	533	148	542	297	279	2,070	9.3	2,018	22
1,916	342	826	1,093	498	345	744	354	4,132	6.0	2,863	23
2,702	356	2,836	1,041	354	646	2,584	335	4,230	4.4	2,111	24
2,647	347	7,300	1,131	426	592	983	288	1,760	2.0	1,540	25
1,175	349	2,524	1,135	166	502	471	350	1,222	3.5	1,759	26
5,324	458	10,888	1,213	358	757	601	382	2,163	2.4	2,414	27
1,997	373	2,566	1,185	276	717	1,554	312	1,950	3.4	2,036	28
3,263	359	8,189	1,210	370	1,542	629	323	1,530	2.0	2,229	29
3,024	367	8,854	1,107	521	632	1,284	337	1,575	1.5	2,629	30
2,806	370	8,918	1,165	528	634	724	354	2,270	2.5	1,907	31
3,738	383	9,034	1,322	770	853	872	396	6,008	6.4	1,924	32
2,567	515	6,790	1,285	454	698	1,358	696	464	1.0	2,569	33
2,115	373	5,476	1,176	360	559	2,412	312	3,530	4.3	2,768	34

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	North Carolina—Continued								
	Metropolitan Area B:								
1	Forsyth	10,046	478	2,132	419	608	480	7,279	502
	Metropolitan Area C:								
2	Guilford	17,550	490	2,947	354	1,046	387	13,516	551
	Area 4a:								
3	Chatham	10,832	430	1,080	387	1,172	348	8,540	450
4	Davidson	11,000	409	1,178	337	816	401	8,830	417
5	Davie	4,864	326	1,018	330	274	257	3,568	334
6	Montgomery	5,302	512	989	334	196	585	4,169	581
7	Randolph	10,685	378	1,394	348	394	425	8,824	377
	Area 4b:								
8	Cabarrus	7,720	304	1,993	306	438	262	5,199	308
9	Catawba	9,756	372	2,610	366	739	456	6,371	367
10	Iredell	16,810	379	2,952	336	1,591	357	12,193	394
11	Rowan	12,980	344	2,694	335	1,110	312	8,973	347
12	Stanly	11,780	387	943	421	688	297	10,035	386
	Area 5:								
13	Anson	14,262	465	976	302	465	328	12,716	493
14	Cleveland	27,159	516	3,093	424	895	366	22,913	539
15	Gaston	8,008	421	1,740	433	797	504	5,490	407
16	Lincoln	10,703	386	1,254	311	583	387	8,688	399
17	Polk	3,116	443	388	409	571	402	2,125	458
18	Rutherford	10,199	452	1,442	393	600	379	8,039	470
19	Union	22,860	412	1,458	345	862	287	20,473	427
	Metropolitan Area D:								
20	Mecklenburg	10,908	388	3,182	371	686	293	7,019	409
	Area 6:								
21	Franklin	20,408	673	1,396	398	168	345	18,749	711
22	Harnett	31,296	673	1,008	347	350	411	29,910	706
23	Johnston	56,320	703	1,276	435	352	392	54,701	713
24	Lee	6,572	650	202	358	302	393	6,009	687
25	Sampson	48,104	618	1,092	377	472	566	46,526	630
26	Warren	13,028	573	1,413	437	317	378	11,252	610
	Metropolitan Area E:								
27	Wake	34,132	728	3,324	427	688	386	30,065	811
	Area 7:								
28	Bertie	20,202	627	894	522	312	488	19,036	643
29	Chowan	6,776	512	244	398	36	720	6,369	517
30	Gates	10,165	557	267	712	58	451	9,822	565
31	Halifax	30,748	561	1,233	487	816	553	28,573	564
32	Hertford	11,435	575	88	446	80	352	11,384	592
33	Martin	23,371	804	206	499	380	501	22,693	815
34	Northampton	20,164	508	629	295	226	404	19,230	516
35	Perquimans	9,102	425	146	449	30	426	8,943	433
36	Washington	5,833	563	808	832	165	827	4,837	527
	Area 8:								
37	Edgecombe	29,333	603	684	321	498	537	28,172	614
38	Greene	23,962	717	193	551	30	571	23,698	711
39	Lenoir	32,075	677	598	413	326	592	31,214	692
40	Nash	37,496	708	1,952	374	698	589	34,749	750
41	Pitt	47,384	742	959	443	443	607	45,577	745
42	Wayne	39,472	624	994	440	224	405	38,114	639
43	Wilson	31,553	748	1,082	395	108	480	30,172	775
	Area 9:								
44	Cumberland	19,102	573	1,096	411	230	550	17,758	587
45	Hoke	12,940	527	558	283	49	225	12,239	551
46	Moore	9,535	556	526	336	140	452	8,726	578
47	Richmond	8,748	509	564	309	130	385	7,972	519
48	Robeson	59,371	624	3,534	386	187	495	55,569	647
49	Scotland	11,176	489	504	296	62	248	10,507	511
	Area 10:								
50	Beaufort	25,170	569	900	405	140	589	24,277	581
51	Camden	6,346	550	97	289	8	640	6,154	550
52	Currituck	11,039	645	165	482	208	792	10,672	647
53	Dare	8	400	5	333	...	...	2	400
54	Hyde	4,476	389	80	294	85	436	4,261	385
55	Pasquotank	9,834	728	232	698	60	436	9,519	725
56	Tyrrell	2,657	637	34	296	5	500	2,626	652
	Area 11:								
57	Bladen	18,002	619	766	498	310	411	17,079	640
58	Brunswick	8,784	648	654	396	206	504	7,953	705
59	Carteret	6,833	944	853	718	172	631	5,788	1,011
60	Columbus	31,698	711	987	473	527	620	29,990	730
61	Craven	15,017	703	343	491	110	601	14,434	706
62	Duplin	41,380	663	948	452	646	579	39,595	673
63	Jones	13,200	642	601	460	349	807	12,077	646
64	New Hanover	2,949	897	54	335	96	246	2,792	1,027
65	Onslow	13,220	640	546	508	249	570	12,387	647
66	Pamlico	7,720	625	565	645	232	607	6,904	619
67	Pender	14,060	691	778	432	884	596	12,341	728

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Tobacco*	*Tobacco*								
1,861	348	2,780	984	550	519	2,088	396	3,379	4.6	2,151	1
3,480	377	6,396	1,117	480	666	3,160	357	3,622	2.9	2,119	2
3,252	399	1,900	1,106	252	550	3,136	362	3,256	3.9	1,956	3
2,430	353	1,896	1,045	412	532	4,092	349	5,985	5.9	2,227	4
1,100	293	558	890	90	562	1,820	296	3,080	5.3	2,312	5
1,142	444	684	1,239	1,076	657	1,267	524	1,432	4.1	2,318	6
3,453	341	1,715	1,115	282	732	3,374	297	5,189	4.7	1,854	7
1,446	313	...	...	122	728	3,631	300	3,555	4.2	2,008	8
2,127	416	5	286	318	559	3,921	336	7,596	8.2	2,423	9
2,664	331	859	1,201	242	547	8,428	388	11,920	7.9	2,027	10
2,423	359	42	894	316	500	6,192	336	10,377	8.9	2,083	11
2,225	440	...	...	164	631	7,646	370	9,585	11.2	1,631	12
3,098	427	274	1,085	186	1,436	9,158	505	2,301	2.6	2,473	13
4,690	496	18	900	493	730	17,712	547	5,991	4.0	1,700	14
2,053	430	5	222	136	528	3,296	391	3,303	5.2	2,313	15
1,940	367	...	...	248	796	6,500	402	5,146	6.7	2,808	16
1,085	391	1	400	329	639	710	528	2,175	9.7	1,126	17
2,737	390	30	1,333	841	653	4,431	505	2,480	3.0	2,379	18
4,367	430	...	...	410	722	15,696	421	6,055	3.9	2,046	19
2,192	398	...	...	255	468	4,572	412	2,625	2.6	1,985	20
5,350	446	10,108	1,285	558	845	2,733	468	1,701	1.9	2,028	21
9,378	473	13,926	1,338	750	1,005	5,856	516	803	0.7	2,762	22
22,217	517	21,517	1,335	2,455	1,001	8,512	562	2,520	1.3	1,909	23
1,839	522	3,067	1,178	150	1,017	953	386	801	2.2	2,035	24
18,862	472	13,755	1,251	4,098	875	9,811	539	4,259	2.3	1,498	25
2,632	391	4,861	1,140	665	606	3,094	487	2,488	3.5	2,094	26
8,341	516	17,222	1,286	978	770	3,524	562	1,250	0.9	1,808	27
9,290	570	5,508	1,288	264	1,035	3,974	453	2,639	3.0	1,336	28
3,238	497	344	1,246	888	634	1,899	458	2,175	6.0	1,411	29
6,836	579	158	1,192	248	775	2,580	502	2,912	6.9	1,330	30
10,578	481	6,073	1,433	434	659	11,488	483	5,962	3.8	1,367	31
5,400	531	2,556	1,192	82	1,426	3,346	487	2,565	4.9	526	32
10,508	710	8,169	1,333	976	889	3,040	521	4,476	5.8	1,153	33
8,616	552	426	1,333	144	862	10,044	475	4,679	4.0	938	34
5,708	545	...	...	349	784	2,886	296	2,300	4.8	1,116	35
2,579	530	836	1,335	184	1,363	1,238	348	4,869	13.9	1,518	36
11,354	460	10,434	1,276	262	651	6,122	486	4,881	3.7	1,065	37
10,057	461	12,192	1,393	208	1,280	1,241	476	1,070	1.4	1,093	38
14,710	456	14,814	1,446	630	1,096	1,060	524	1,694	1.6	1,561	39
11,658	502	16,766	1,333	799	925	5,526	572	2,958	2.3	1,260	40
15,984	453	24,943	1,362	760	758	3,890	595	2,045	1.3	1,330	41
16,468	449	14,316	1,393	1,296	942	6,034	534	1,700	1.1	1,453	42
10,402	486	15,830	1,421	376	1,452	3,564	580	610	0.6	1,574	43
6,433	469	4,465	1,307	1,518	820	5,342	475	1,925	1.9	1,813	44
2,660	453	2,787	1,244	234	641	6,558	477	535	0.8	1,424	45
2,544	414	3,384	1,205	689	781	2,109	400	765	1.3	1,765	46
2,213	376	1,655	1,137	953	832	3,151	459	632	1.1	1,392	47
18,327	441	20,357	1,403	629	1,005	16,256	556	5,917	2.5	1,713	48
2,166	389	1,044	1,222	833	720	6,464	497	555	0.8	1,045	49
9,184	481	8,360	1,296	2,104	1,337	4,629	315	10,710	9.2	1,946	50
2,880	454	5	1,000	2,200	1,327	1,069	335	2,042	5.9	1,690	51
5,118	643	...	...	2,388	1,263	3,166	476	2,072	5.9	2,239	52
...	...	...	...	2	400	...	...	...	...	...	53
2,556	437	...	...	449	1,330	1,256	257	2,655	7.6	1,950	54
4,364	566	...	...	4,095	1,909	1,060	324	3,440	7.3	1,305	55
1,162	511	...	...	854	1,811	610	475	840	4.5	1,238	56
8,057	480	6,316	1,179	529	776	2,177	562	4,496	5.1	1,654	57
3,327	542	3,025	1,256	823	787	778	460	1,882	4.7	1,338	58
1,454	692	1,592	1,584	2,284	1,394	458	467	1,920	10.1	1,500	59
12,980	523	13,378	1,271	1,904	980	1,728	456	4,930	3.8	1,286	60
5,222	426	7,785	1,423	634	1,057	793	375	1,576	2.4	1,977	61
20,302	492	14,540	1,293	2,945	894	1,808	592	4,922	3.3	1,859	62
6,124	456	5,340	1,308	173	818	440	462	2,440	4.8	1,637	63
349	497	154	1,369	1,840	1,374	449	797	1,600	15.0	486	64
6,186	472	5,372	1,260	233	930	596	391	2,325	4.2	1,923	65
2,799	540	990	1,310	1,346	1,440	1,769	413	3,295	10.5	1,417	66
4,920	528	3,033	1,182	3,254	1,319	1,134	435	4,306	7.5	1,734	67

NORTH DAKOTA
TONS OF FERTILIZER

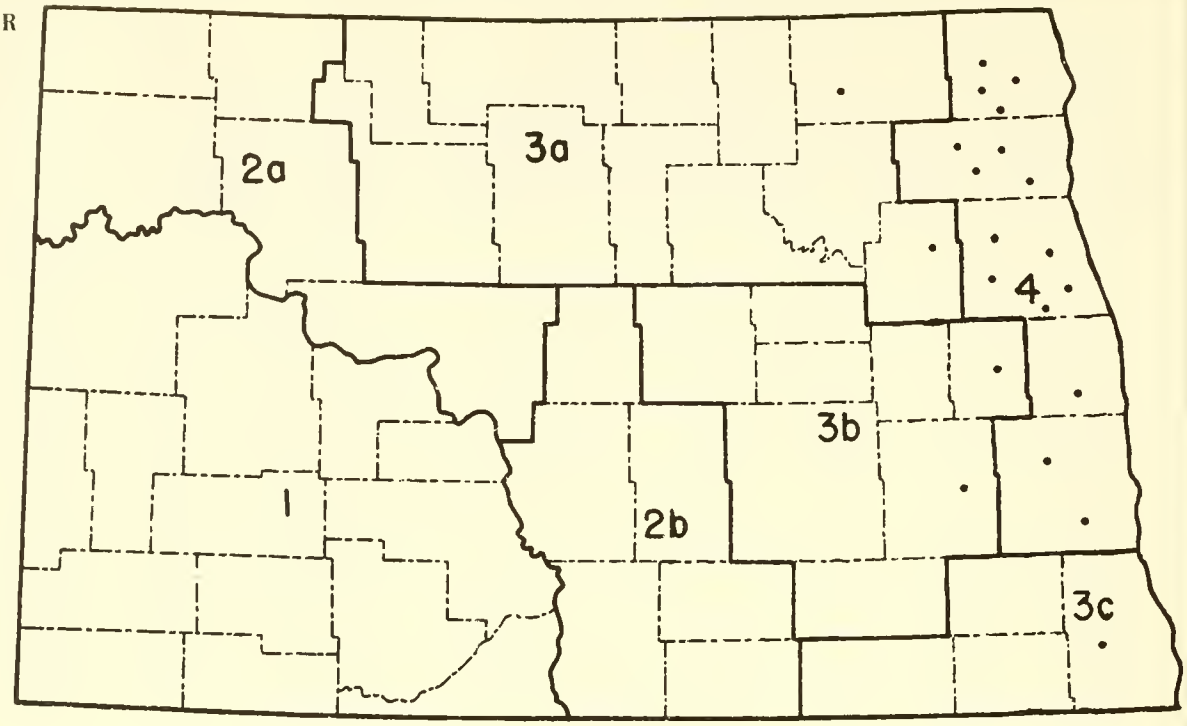
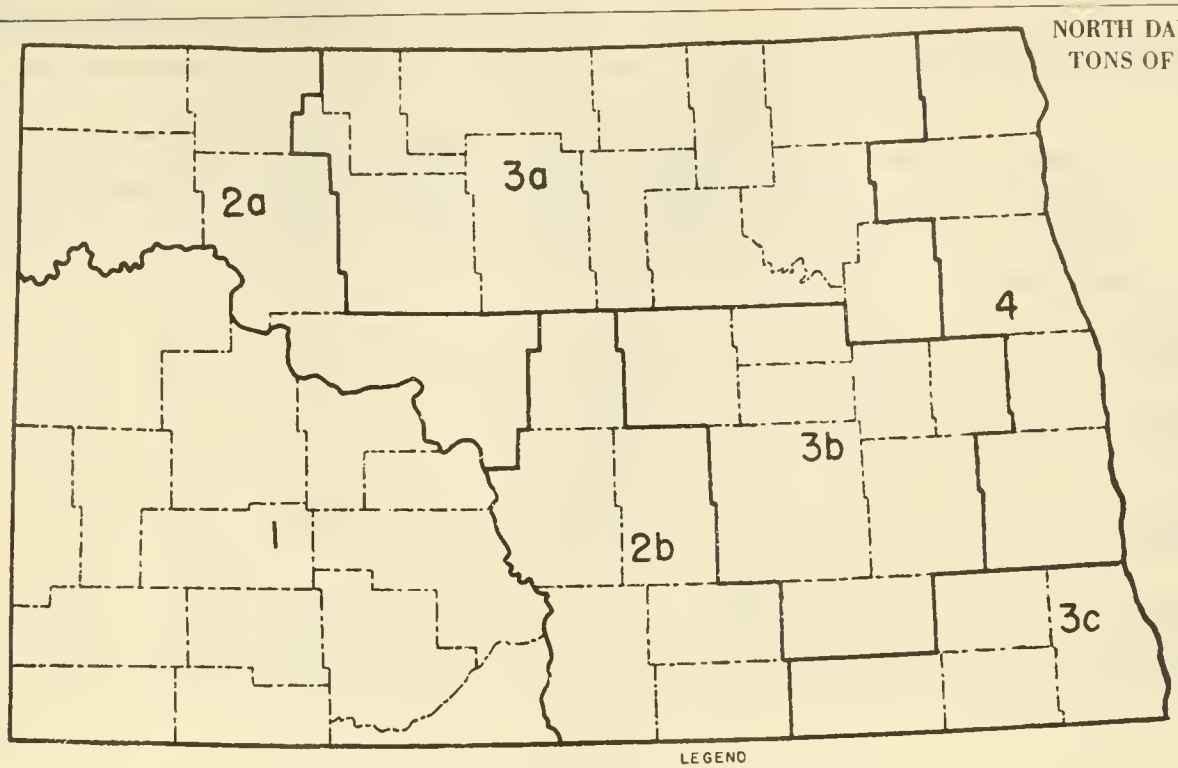


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	North Dakota, total	54,263	65	1,836	96	407	117	52,005	64
	Area 1:								
2	Adams	24	65	1	100	...	...	23	64
3	Billings	21	64	4	70	...	...	17	63
4	Bowman	154	71	10	165	...	...	144	68
5	Dunn	120	43	...	...	...	...	120	43
6	Golden Valley	240	48	5	40	...	...	235	48
7	Grant	181	111	5	48	30	50	146	159
8	Hettinger	125	36	...	...	...	...	125	36
9	McKenzie	676	131	50	91	...	...	625	135
10	Mercer	38	40	...	...	...	...	38	40
11	Morton	87	85	8	186	...	...	79	81
12	Oliver	25	65	1	100	...	...	24	64
13	Sioux	15	74	2	32	...	...	13	93
14	Slope	102	100	17	155	...	...	85	94
15	Stark	151	67	15	94	...	...	136	65
	Area 2a:								
16	Burke	106	39	...	...	...	...	106	39
17	Divide	147	39	1	100	...	...	146	39
18	McLean	168	44	4	41	...	...	164	44
19	Mountrail	65	38	...	...	...	...	65	38
20	Williams	461	68	49	170	...	...	412	63
	Area 2b:								
21	Burleigh	45	45	4	42	...	...	41	46
22	Emmons	23	46	...	...	...	...	23	46
23	Kidder	48	49	...	...	...	...	48	49
24	Logan	13	82	...	...	...	...	13	82
25	McIntosh	18	130	...	...	...	...	18	130
26	Sheridan	45	44	...	...	...	...	45	44
	Area 3a:								
27	Benson:	623	47	2	22	...	...	621	47
28	Bottineau	864	41	6	96	60	104	798	39
29	Cavalier	2,718	40	4	38	...	...	2,733	40
30	McHenry	279	58	12	84	...	...	267	57
31	Nelson	1,487	48	38	77	2	160	1,435	47
32	Pierce	218	45	...	...	...	...	218	45
33	Ramsey	604	45	2	100	...	...	602	45
34	Renville	632	39	10	33	...	...	622	39
35	Rolette	478	44	12	23	...	...	470	46
36	Towner	848	43	...	...	...	...	848	44
37	Ward	591	45	80	133	...	...	510	41

Z 0.05 percent or less.



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetsbles, snd potstoes fertilized		Other crops fertilized except hay		Acres limed	Percent of totsl croplsnd plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 5,363	*Corn* 80	*Wheat* 20,752	*Wheat* 54	5,295	178	20,595	61	140	(Z)	857	1
17	63	5	75	...	...	1	50	...	...	...	2
4	67	8	47	1	400	4	114	...	...	...	3
8	49	108	65	...	...	28	95	4	...	2,000	4
34	48	63	38	1	2,000	22	49	...	...	...	5
12	42	165	42	30	130	28	60	...	...	...	6
5	35	138	188	...	...	3	71	...	...	...	7
13	45	104	35	...	...	8	32	...	...	...	8
384	216	81	49	...	...	160	136	...	...	...	9
22	68	11	28	...	...	5	21	...	...	...	10
40	90	29	65	1	222	9	104	1	(Z)	2,000	11
1	67	23	65	...	...	...	...	...	...	...	12
3	86	10	95	...	...	...	...	...	...	...	13
...	...	80	94	...	...	5	91	...	...	...	14
33	127	91	55	...	...	12	63	...	...	...	15
7	85	67	35	...	...	32	43	...	...	...	16
6	120	116	36	...	...	24	51	...	...	...	17
15	66	125	42	...	...	24	43	...	...	...	18
...	...	64	38	...	...	1	27	...	...	...	19
7	49	250	47	...	...	155	152	...	...	...	20
21	39	18	58	...	...	2	44	...	...	...	21
19	45	3	46	...	...	1	100	...	...	...	22
2	36	15	42	...	...	31	55	...	...	...	23
6	86	4	62	...	...	3	122	...	...	...	24
10	400	8	71	...	...	...	...	...	...	...	25
5	34	32	45	...	...	8	46	...	...	...	26
28	60	313	44	4	57	276	49	...	...	...	27
58	55	531	40	...	...	209	35	...	...	...	28
5	51	1,401	41	62	140	1,265	38	...	...	...	29
29	99	159	45	21	457	58	69	...	...	...	30
44	83	589	46	4	33	798	47	...	...	...	31
11	46	166	46	1	100	40	42	...	...	...	32
40	50	383	44	2	40	177	46	...	...	...	33
6	133	433	38	...	...	183	39	100	(Z)	1,000	34
10	59	321	44	...	...	139	50	...	...	...	35
6	56	538	42	15	100	289	44	...	...	...	36
9	71	424	44	4	11	73	29	35	(Z)	286	37

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

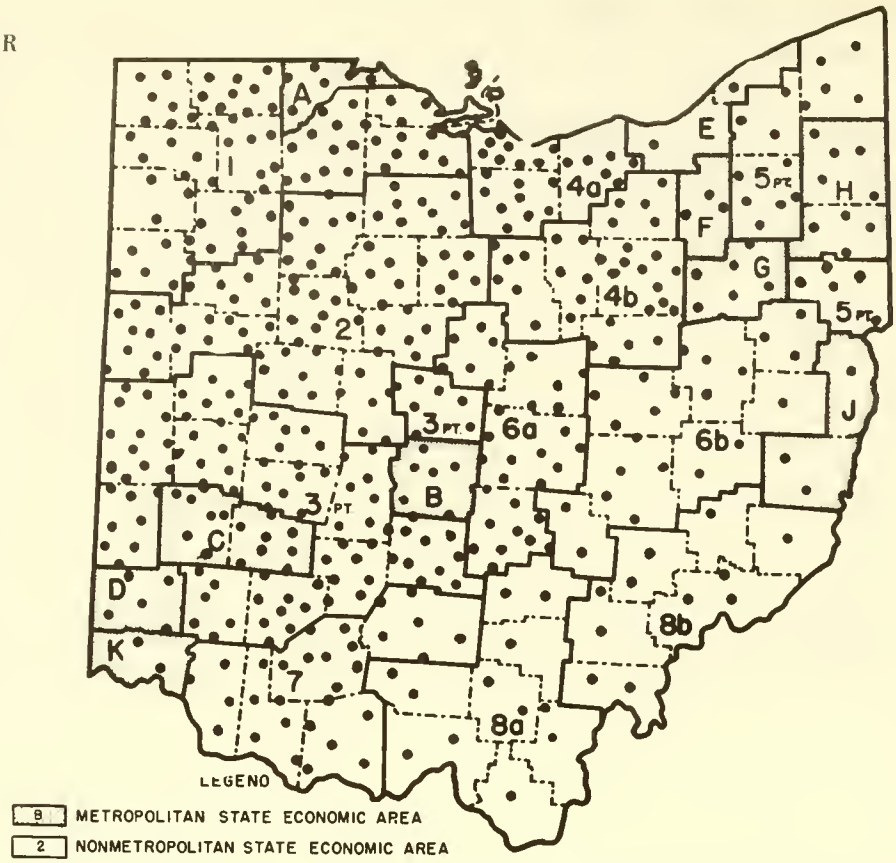
	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	North Dakota—Continued								
	Area 3b:								
1	Barnes	1,368	52	136	66	...	...	1,206	49
2	Eddy	352	48	15	56	...	...	337	48
3	Foster	567	54	35	90	6	160	525	52
4	Griggs	661	55	25	81	1	83	635	54
5	La Moure	248	52	6	120	...	...	241	50
6	Steele	1,499	57	14	85	2	80	1,484	57
7	Stutsman	407	68	3	98	1	95	402	68
8	Wells	548	43	7	74	...	...	541	48
	Area 3c:								
9	Dickey	433	149	...	...	60	400	373	136
10	Ransom	284	79	30	113	...	...	254	76
11	Richland	2,450	70	308	94	23	50	2,119	67
12	Sargent	271	63	21	89	...	...	250	62
	Area 4:								
13	Cass	4,156	69	235	125	2	85	3,926	67
14	Grand Forks	9,337	89	304	128	181	154	8,854	87
15	Pembina	8,122	72	76	100	17	72	8,029	71
16	Traill	2,708	73	208	118	10	143	2,490	71
17	Walsh	8,412	78	71	71	12	137	8,324	78

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Wheat*	*Wheat*								
165	68	622	45	15	231	404	48	...	...	...	1
61	66	183	42	6	57	87	51	...	...	...	2
30	56	204	48	2	62	289	56	...	...	...	3
107	69	297	53	...	...	231	50	...	...	...	4
78	51	108	53	...	...	55	45	...	...	...	5
82	69	578	56	61	241	763	52	...	...	...	6
69	63	139	53	26	135	168	83	...	...	...	7
81	60	228	46	1	67	231	46	...	...	...	8
122	116	88	145	1	667	162	149	...	...	...	9
101	71	66	67	17	262	70	81	...	...	...	10
1,142	79	208	55	20	61	749	58	...	...	...	11
129	81	71	48	2	200	48	50	...	...	...	12
977	71	1,132	60	60	109	1,757	69	...	...	...	13
671	102	3,043	73	1,820	215	3,320	74	...	...	...	14
224	87	3,088	60	1,306	184	3,411	66	...	...	...	15
324	95	852	66	72	121	1,242	68	...	...	...	16
80	95	2,969	63	1,740	167	3,535	73	...	...	...	17

OHIO

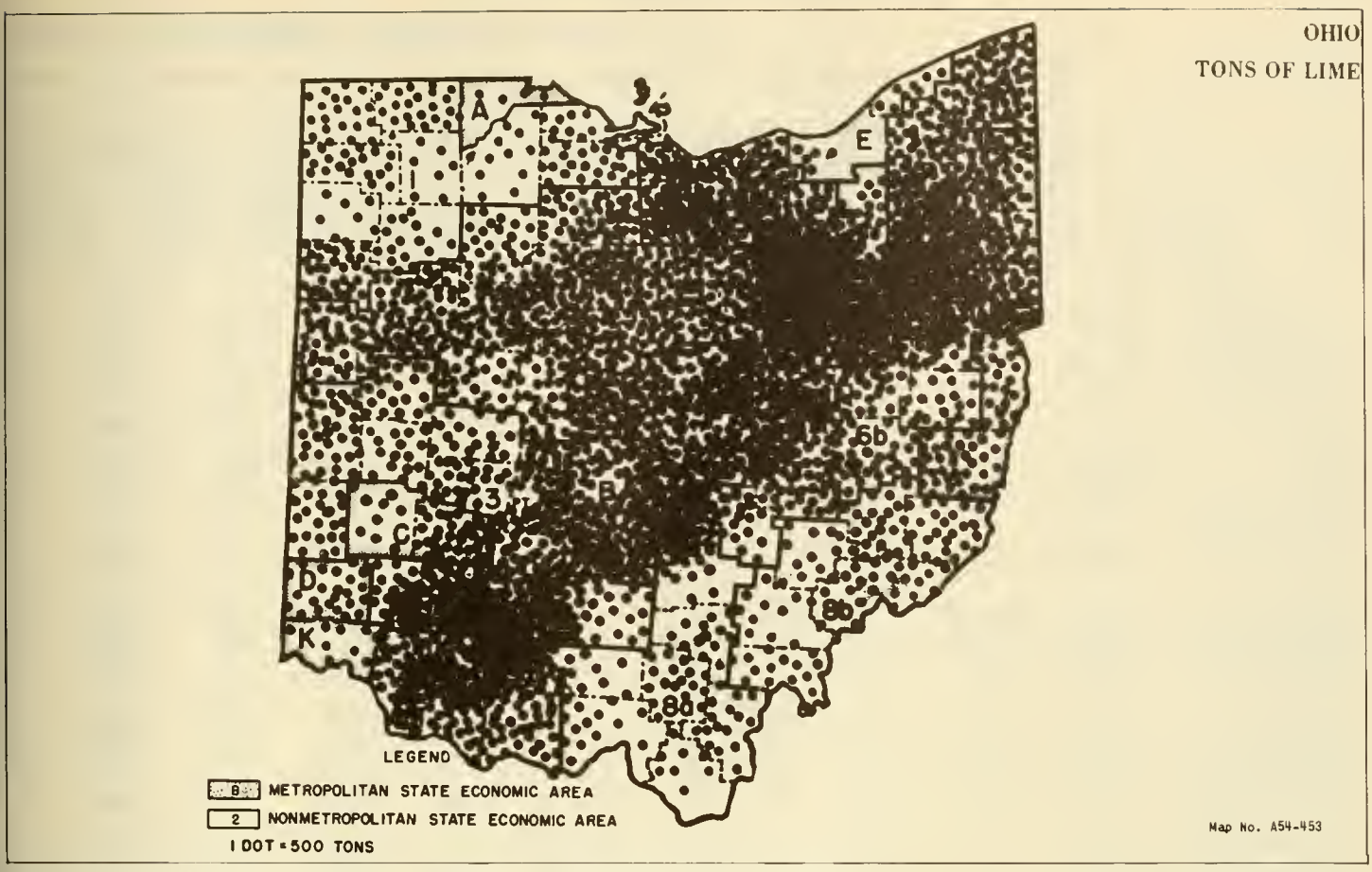
TONS OF FERTILIZER



Map No. A54-452

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Ohio, total	971,525	292	67,655	302	16,744	309	876,949	288
	Area 1:								
2	Defiance	11,620	264	750	244	70	235	10,578	263
3	Fulton	18,870	278	1,241	301	45	360	17,649	278
4	Henry	15,531	269	572	240	8	291	14,759	267
5	Ottawa	6,792	298	500	248	2	160	6,290	309
6	Paulding	6,766	257	171	224	2	400	6,471	249
7	Putnam	16,114	257	864	291	56	252	14,885	255
8	Sandusky	17,928	319	1,242	268	164	274	16,378	320
9	Van Wert	12,780	249	442	236	41	273	12,072	249
10	Williams	13,182	251	407	216	41	256	12,475	252
11	Wood	23,438	262	948	247	22	400	22,333	262
	Metropolitan Area A:								
12	Lucas	10,297	329	416	283	...	...	9,828	329
	Area 2:								
13	Allen	14,389	270	529	231	85	254	13,494	266
14	Auglaize	13,630	233	1,020	282	104	318	12,390	232
15	Crawford	13,201	263	628	304	71	290	12,418	262
16	Hancock	17,115	257	540	228	72	227	16,429	257
17	Hardin	17,560	255	832	350	50	253	16,570	256
18	Logan	14,101	258	1,062	270	316	224	12,582	254
19	Marion	11,558	258	578	303	61	400	10,941	256
20	Mercer	17,370	256	1,770	253	249	237	15,024	253
21	Seneca	18,786	257	1,076	343	220	356	17,348	254
22	Union	12,536	265	700	259	159	261	11,430	260
23	Wyandot	12,700	271	707	295	90	269	11,803	272
	Area 3:								
24	Champaign	14,700	259	934	242	352	266	13,172	257
25	Clark	13,158	270	1,356	330	207	237	11,503	261
26	Clinton	17,260	295	961	342	102	283	15,943	284
27	Darke	24,293	277	1,310	293	292	315	22,517	276
28	Delaware	14,082	293	1,098	304	337	273	12,434	285
29	Fayette	16,373	264	1,068	372	161	346	14,868	251
30	Madison	16,244	277	1,142	279	214	325	14,735	274
31	Miami	17,196	279	963	243	196	233	15,846	284
32	Pickaway	19,718	263	1,292	291	292	439	17,795	253
33	Preble	15,918	272	814	271	115	238	14,841	267
34	Shelby	14,260	250	1,076	261	73	203	13,015	246
35	Warren	11,341	285	801	248	274	374	10,266	285



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 467,347	*Corn* 281	*Wheat* 223,842	*Wheat* 290	36,333	676	149,427	266	841,087	6.4	3,684	1
5,558	279	3,146	274	36	282	1,838	211	7,267	4.1	2,620	2
9,328	270	3,892	294	886	804	3,543	244	7,220	3.7	2,842	3
7,533	254	4,492	286	484	480	2,250	252	5,590	2.6	1,508	4
2,102	270	2,322	308	462	508	1,404	341	1,735	1.7	4,790	5
2,948	235	2,347	267	28	487	1,148	253	3,155	1.6	2,355	6
7,147	251	4,275	257	557	451	2,906	239	7,070	2.9	2,304	7
7,451	294	4,113	296	2,004	919	2,810	290	6,180	3.3	3,680	8
6,547	243	3,211	269	94	365	2,220	237	8,940	4.2	3,706	9
6,373	258	3,320	278	180	537	2,602	208	8,035	4.4	2,427	10
10,598	260	7,124	277	512	651	4,099	227	5,069	1.7	2,430	11
4,097	314	2,102	304	2,020	683	1,609	231	1,720	1.7	1,820	12
7,336	276	3,176	270	128	353	2,854	237	8,640	5.1	3,228	13
6,264	226	3,008	263	64	449	3,054	218	11,410	6.2	3,411	14
6,934	265	3,342	283	70	418	2,072	226	12,379	6.9	3,836	15
9,049	261	4,376	268	240	1,021	2,764	217	9,785	3.8	3,204	16
9,748	268	3,452	256	200	482	3,170	217	10,566	4.7	4,329	17
7,297	256	2,670	284	61	370	2,554	224	7,625	4.2	3,515	18
6,706	267	2,331	271	50	270	1,854	210	10,600	6.0	3,883	19
7,896	257	3,747	271	170	425	3,211	223	11,330	5.0	3,395	20
9,198	250	4,728	267	306	651	3,116	234	11,995	4.7	4,460	21
6,790	268	2,456	273	22	238	2,162	227	7,670	4.0	3,829	22
6,504	265	3,480	300	92	368	1,727	248	11,140	5.6	4,174	23
7,678	260	3,062	282	86	410	2,346	220	4,805	2.6	3,380	24
6,917	252	3,072	293	16	229	1,498	248	6,365	3.8	3,595	25
9,842	280	4,413	290	210	535	1,478	270	15,789	8.4	3,597	26
13,296	283	4,160	258	846	1,102	4,215	239	9,300	3.3	4,027	27
7,664	290	2,672	287	18	327	2,080	264	14,185	8.0	3,843	28
8,300	247	4,418	264	78	186	2,072	241	9,385	4.3	3,739	29
8,918	280	3,833	281	92	423	1,892	238	8,478	3.7	5,155	30
8,933	272	4,308	296	717	1,220	1,888	241	4,010	2.2	4,072	31
10,693	257	5,554	250	136	338	1,412	234	14,711	5.7	3,649	32
9,072	267	3,421	266	269	1,681	2,079	242	5,740	3.1	3,758	33
7,004	254	3,024	274	15	667	2,972	209	5,300	2.8	3,878	34
6,814	289	2,440	278	70	262	942	279	8,665	5.9	4,277	35

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Ohio—Continued								
	Metropolitan Area B:								
1	Franklin	13,884	291	1,009	341	396	476	12,171	277
	Metropolitan Area C:								
2	Greene	16,690	306	1,322	344	250	293	15,010	301
3	Montgomery	14,362	307	973	263	228	388	12,140	288
	Metropolitan Area D:								
4	Butler	10,766	260	1,078	362	192	373	9,433	247
	Area 4a:								
5	Erie	12,486	358	930	364	180	336	11,219	359
6	Huron	17,058	301	404	363	132	341	16,458	300
7	Lorain	12,437	392	1,064	388	137	380	11,394	402
	Metropolitan Area E:								
8	Cuyahoga	1,934	618	122	257	...	...	1,777	666
9	Lake	2,280	407	212	404	32	291	2,005	406
	Area 4b:								
10	Ashland	11,109	296	774	270	242	247	9,878	296
11	Holmes	10,244	270	450	302	324	312	9,301	262
12	Medina	10,661	335	1,090	378	182	322	9,323	328
13	Richland	11,886	282	920	327	282	272	10,513	273
14	Wayne	22,856	341	2,078	350	744	362	20,092	341
	Area 5:								
15	Ashtabula	10,616	344	630	332	176	381	9,761	343
16	Columbiana	10,950	349	480	259	266	327	10,017	345
17	Geauga	5,856	345	543	339	137	317	5,100	340
18	Portage	11,206	382	920	315	111	171	9,992	389
	Metropolitan Area F:								
19	Summit	5,906	378	581	308	115	205	5,319	411
	Metropolitan Area G:								
20	Stark	12,899	305	1,043	332	303	271	11,467	302
	Metropolitan Area H:								
21	Mahoning	7,831	345	562	350	66	287	7,099	336
22	Trumbull	9,894	366	736	375	72	316	9,056	364
	Area 6a:								
23	Fairfield	17,277	294	1,668	263	316	258	15,227	294
24	Knox	12,196	299	448	255	337	283	11,358	303
25	Licking	18,608	317	1,296	305	612	366	16,590	315
26	Morrow	11,108	292	802	303	132	284	10,029	286
	Area 6b:								
27	Carroll	5,098	302	326	271	136	309	4,565	302
28	Coshocton	10,100	374	902	342	410	356	8,621	369
29	Guernsey	3,762	309	462	361	442	343	2,801	298
30	Harrison	1,904	290	148	229	145	289	1,587	294
31	Muskingum	9,516	355	810	295	410	295	8,234	356
32	Perry	4,982	317	300	258	98	233	4,588	318
33	Tuscarawas	8,513	328	921	301	387	264	7,052	324
	Metropolitan Area J:								
34	Belmont	3,572	332	470	374	155	339	2,926	321
35	Jefferson	2,372	305	201	285	106	190	2,023	306
	Area 7:								
36	Adams	11,313	405	951	393	340	349	9,876	398
37	Brown	9,028	367	308	275	55	220	8,618	364
38	Clermont	8,729	349	698	307	159	372	7,785	348
39	Highland	17,756	294	1,110	295	292	328	16,143	285
40	Ross	11,332	244	609	271	452	449	10,064	229
	Metropolitan Area K:								
41	Hamilton	3,765	384	580	425	194	524	2,964	366
	Area 8a:								
42	Gallia	4,144	394	568	335	316	349	3,251	399
43	Hocking	3,588	315	365	248	234	321	2,982	325
44	Jackson	3,828	372	586	338	212	428	3,025	373
45	Pike	3,244	280	468	361	60	238	2,712	269
46	Scioto	4,608	309	356	258	64	249	4,153	309
47	Vinton	2,380	410	437	382	101	287	1,829	421
	Metropolitan Area L:								
48	Lawrence	1,866	347	370	306	84	317	1,409	362
	Area 8b:								
49	Athens	3,386	340	448	296	262	273	2,668	355
50	Meigs	3,974	433	746	497	258	330	2,935	426
51	Monroe	3,316	355	606	400	289	397	2,348	334
52	Morgan	3,534	365	446	358	210	396	2,881	360
53	Noble	1,994	336	444	316	98	248	1,433	341
54	Washington	6,114	389	1,074	367	268	305	4,665	386

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Wheat*	*Wheat*								
6,768	274	3,471	286	286	506	1,646	251	11,300	6.4	3,891	1
9,452	301	4,214	305	136	788	1,208	268	9,425	5.4	3,662	2
7,104	279	3,246	286	167	415	1,623	330	3,240	2.1	2,895	3
5,850	239	2,483	261	77	933	1,023	251	6,750	4.1	3,403	4
4,540	321	2,455	308	1,924	631	2,300	377	8,685	9.3	4,341	5
7,634	293	4,218	313	1,118	893	3,488	248	18,480	9.4	4,150	6
5,069	377	2,464	359	1,499	870	2,362	373	12,130	7.9	4,702	7
398	448	212	377	370	779	797	1,070	2,025	8.9	2,227	8
555	359	264	335	768	519	418	372	2,040	5.6	4,064	9
4,914	298	2,844	301	198	1,165	1,922	264	13,925	9.6	3,999	10
4,089	266	3,222	282	40	571	1,950	227	20,082	14.6	3,428	11
4,732	336	2,383	328	342	561	1,866	289	14,950	10.9	4,184	12
5,056	280	2,958	284	457	928	2,042	214	13,120	8.0	3,902	13
9,166	334	5,594	317	2,352	1,128	2,980	254	32,975	15.0	3,397	14
4,300	339	2,148	360	776	395	2,537	323	13,020	7.4	5,258	15
3,589	330	2,465	327	1,315	695	2,648	304	20,705	15.0	3,395	16
2,362	344	1,027	348	116	374	1,595	327	7,788	9.9	4,437	17
3,886	344	2,074	347	1,996	1,022	2,036	316	14,185	11.9	3,980	18
1,664	333	1,100	358	1,200	665	1,355	441	6,830	10.8	3,616	19
4,399	288	3,366	305	958	797	2,744	261	23,020	14.2	3,245	20
2,910	310	1,778	327	931	799	1,480	287	11,250	12.3	4,077	21
4,233	356	1,940	350	684	843	2,199	330	16,315	12.8	3,928	22
8,796	295	5,194	300	32	352	1,205	264	18,910	9.1	3,576	23
6,053	301	3,710	321	66	222	1,529	275	12,461	7.1	3,455	24
9,914	327	4,522	312	296	281	1,858	270	19,710	8.7	3,227	25
5,504	281	2,386	305	253	865	1,886	257	11,530	8.0	3,729	26
1,747	295	1,372	321	74	538	1,372	286	11,720	13.2	3,508	27
4,680	347	1,932	313	1,222	1,134	787	298	14,675	13.0	3,706	28
1,610	290	741	320	24	135	426	314	7,775	9.1	3,619	29
763	298	388	310	12	436	424	271	4,955	9.5	3,802	30
4,378	324	1,993	323	953	1,342	910	333	11,123	7.9	4,722	31
2,446	313	1,676	327	33	400	433	307	5,670	7.0	3,647	32
3,890	350	2,104	313	174	239	884	278	17,120	13.0	3,143	33
1,464	321	550	326	202	366	710	307	9,526	10.2	3,531	34
790	310	603	323	114	294	516	284	6,655	11.5	3,480	35
5,056	330	2,364	340	34	1,046	2,422	985	10,843	7.4	4,022	36
4,628	297	1,780	315	80	970	2,130	885	9,640	4.6	4,771	37
5,013	318	1,438	319	186	456	1,148	687	9,320	6.7	4,630	38
9,584	281	4,799	277	62	208	1,698	343	24,265	10.5	3,260	39
6,257	229	3,080	226	132	406	595	225	10,813	5.5	3,666	40
1,462	281	322	282	400	602	780	721	3,680	6.4	2,266	41
1,736	319	314	335	219	701	982	677	5,385	8.5	3,229	42
1,811	309	836	335	25	385	310	403	2,042	3.5	4,628	43
2,060	375	434	363	139	329	392	393	4,923	7.3	3,364	44
1,986	267	424	274	18	450	284	269	3,680	5.4	3,566	45
2,708	269	426	314	500	810	519	368	4,520	7.3	3,150	46
1,218	413	376	447	58	527	177	395	4,328	10.6	2,977	47
748	292	68	343	204	245	389	1,265	2,370	5.8	3,097	48
1,809	362	227	342	94	355	538	341	3,160	5.4	3,136	49
1,638	387	330	342	572	786	395	405	4,850	8.1	3,173	50
1,180	321	540	374	100	377	528	322	5,380	8.8	4,290	51
1,686	343	576	342	189	1,160	430	346	2,944	5.0	4,522	52
952	339	198	334	14	400	269	351	4,305	7.1	4,576	53
2,575	350	726	346	923	717	441	324	8,715	9.5	2,766	54

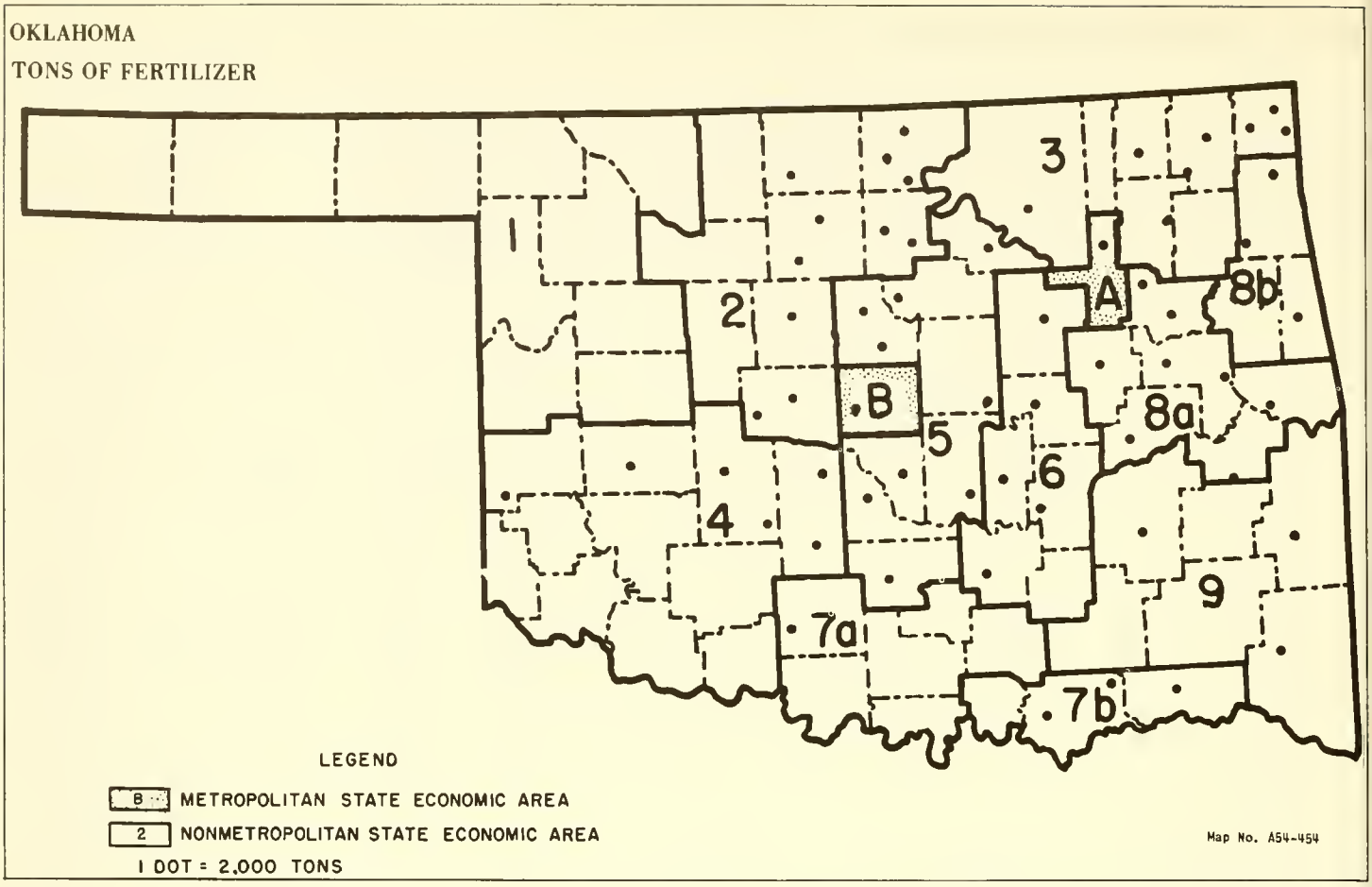
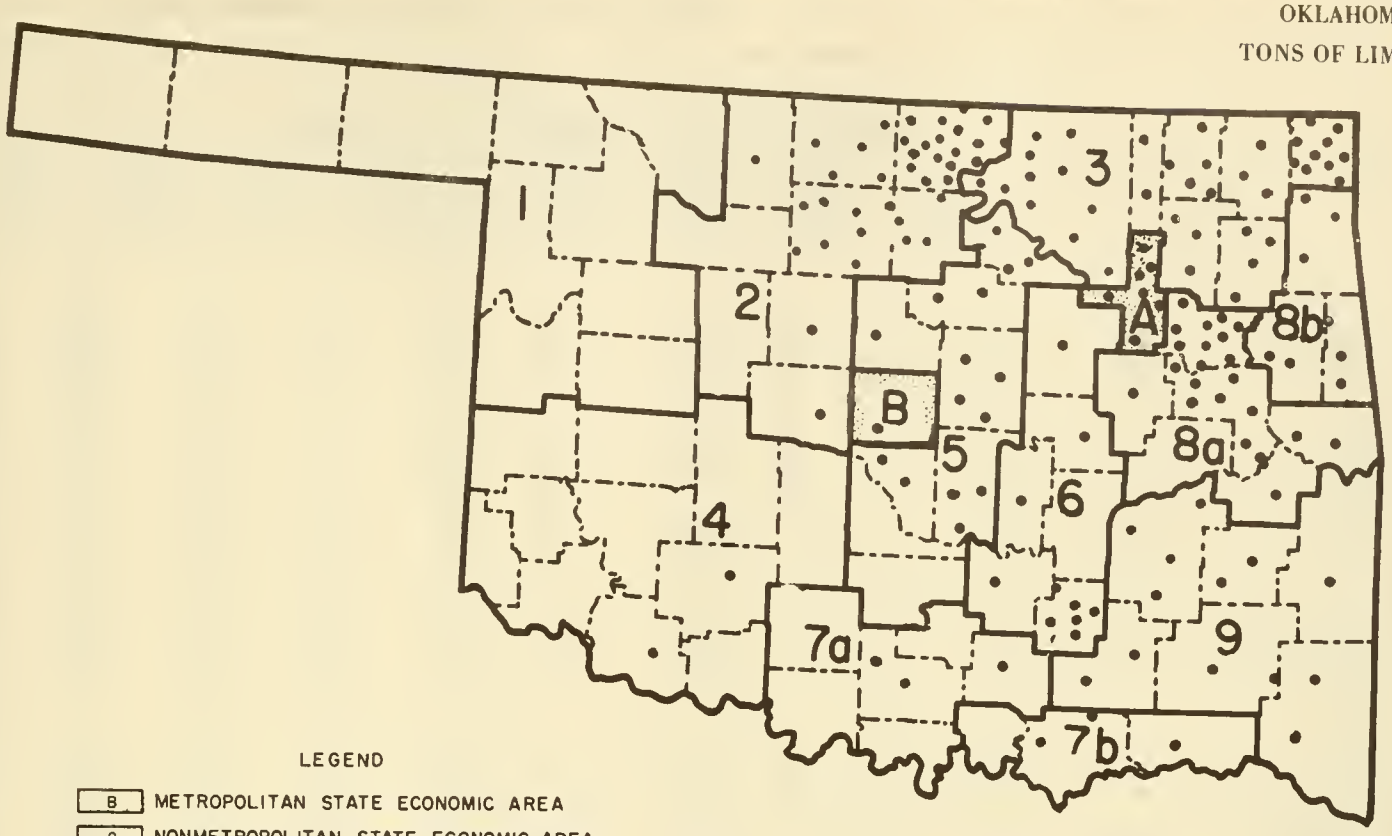


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Oklahoma, total	126,331	128	26,332	179	8,774	162	90,388	115
	Area 1:								
2	Beaver	67	129	13	161	...	...	54	123
3	Cimarron	31	117	16	356	...	...	14	64
4	Custer	809	95	32	144	...	...	777	95
5	Dewey	401	94	104	153	11	244	286	81
6	Ellis	162	85	66	97	4	94	92	78
7	Harper	151	140	83	167	...	...	68	117
8	Roger Mills	524	72	68	95	18	60	434	68
9	Texas	184	86	12	117	2	73	170	84
10	Woods	240	109	58	271	...	...	181	91
11	Woodward	257	98	40	136	...	...	218	93
	Area 2:								
12	Alfalfa	506	74	48	117	26	249	432	67
13	Blaine	622	105	228	149	4	160	387	89
14	Canadian	4,235	95	354	152	6	67	3,814	92
15	Garfield	3,280	64	386	77	16	67	2,875	63
16	Grant	1,535	68	110	214	2	32	1,409	64
17	Kay	6,680	88	662	156	80	173	5,895	83
18	Kingfisher	1,121	77	116	97	12	71	994	76
19	Major	958	73	160	129	...	...	798	67
20	Noble	3,554	69	209	83	24	229	3,321	69
	Area 3:								
21	Craig	3,604	135	508	190	164	133	2,910	127
22	Mayes	2,007	139	525	181	343	173	1,192	124
23	Nowata	1,694	169	521	282	14	137	1,190	148
24	Osage	2,113	157	776	212	139	328	1,194	129
25	Ottawa	6,020	168	918	161	188	137	4,589	157
26	Rogers	2,411	159	522	198	195	315	1,668	138
27	Washington	613	220	244	306	15	361	354	182
	Metropolitan Area A:								
28	Tulsa	2,528	208	646	239	404	209	1,477	193

Z 0.05 percent or less.



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 9,018	*Corn* 161	*Cotton* 12,204	*Cotton* 125	2,889	283	66,277	107	59,572	0.4	2,572	1
...	...	...	...	(Z)	(Z)	54	123	...	...	...	2
(Z)	(Z)	...	...	...	...	14	65	...	...	...	3
6	104	134	109	25	500	612	89	...	...	...	4
4	40	44	89	...	...	238	81	...	...	...	5
2	73	7	177	...	...	83	74	...	...	...	6
...	...	...	...	...	...	68	117	...	...	...	7
9	84	280	85	...	...	145	49	...	...	...	8
...	...	...	...	...	...	170	84	...	...	...	9
8	86	...	...	...	...	173	91	...	...	...	10
3	71	38	152	2	222	175	86	...	...	...	11
...	...	...	...	...	...	432	67	300	0.4	4,000	12
6	100	51	78	...	...	330	91	...	...	...	13
212	112	509	135	3	273	3,090	86	280	0.1	2,786	14
...	...	35	212	...	...	2,840	62	3,660	0.8	2,120	15
2	114	...	...	...	...	1,407	64	1,585	0.4	3,023	16
52	100	13	141	...	...	5,830	83	4,574	1.3	3,401	17
14	112	22	157	7	140	951	75	135	(Z)	2,074	18
6	42	14	106	76	154	702	64	85	(Z)	2,118	19
58	114	54	273	...	...	3,209	67	1,435	0.6	2,690	20
311	129	31	170	16	246	2,552	126	585	0.3	5,070	21
155	171	4	133	56	2,489	977	113	1,235	0.8	3,020	22
103	135	22	129	1	400	1,064	149	1,332	1.3	3,797	23
123	140	225	147	...	...	846	123	3,080	1.7	3,492	24
508	156	...	...	4	400	4,077	157	2,578	2.1	3,960	25
287	158	52	123	5	500	1,324	134	823	0.7	3,356	26
50	192	...	...	...	...	304	180	525	0.9	3,067	27
262	173	187	167	124	249	904	200	5,040	3.2	1,357	28

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Oklahoma—Continued								
	Area 4:								
1	Beckham	1,264	90	56	84	52	297	1,140	86
2	Caddo	4,634	107	311	129	88	103	4,195	107
3	Comanche	988	111	138	142	...	...	845	105
4	Cotton	848	77	79	103	...	...	765	75
5	Grady	3,502	146	572	181	134	199	2,800	140
6	Greer	227	100	36	180	...	...	190	92
7	Harmon	414	68	23	75	...	...	391	67
8	Jackson	522	98	16	77	...	...	500	97
9	Kiowa	362	99	64	95	5	100	293	101
10	Tillman	488	105	29	69	1	50	458	109
11	Washita	2,464	94	182	119	21	112	2,224	92
	Area 5:								
12	Cleveland	1,163	165	478	201	65	185	604	140
13	Garvin	1,853	203	692	239	346	202	811	182
14	Lincoln	2,077	161	649	185	322	132	1,105	154
15	Logan	3,261	94	376	140	88	109	2,756	89
16	McClain	1,872	174	609	245	168	296	1,076	140
17	Pawnee	2,753	144	462	169	100	142	2,153	136
18	Payne	2,129	155	491	151	214	241	1,415	148
19	Pottawatomie	1,740	160	556	191	206	149	972	148
	Metropolitan Area B:								
20	Oklahoma	2,146	138	775	148	145	236	1,188	122
	Area 6:								
21	Coal	693	100	192	182	164	51	332	126
22	Creek	1,047	183	331	186	76	84	635	209
23	Hughes	2,063	169	368	164	256	210	1,438	164
24	Okfuskee	1,528	177	402	158	181	214	949	179
25	Pontotoc	1,178	215	531	227	218	157	427	241
26	Seminole	1,362	212	598	239	263	182	499	208
	Area 7a:								
27	Carter	743	197	479	176	66	135	201	357
28	Jefferson	329	206	23	156	...	...	305	210
29	Johnston	484	185	227	220	69	230	189	149
30	Love	501	178	174	151	39	196	288	200
31	Murray	709	173	500	253	52	277	161	84
32	Stephens	1,800	154	589	270	106	112	1,099	127
	Area 7b:								
33	Bryan	3,344	164	892	208	228	73	2,181	171
34	Choctaw	1,552	242	470	268	296	245	783	229
35	Marshall	998	112	516	190	348	81	134	70
	Area 8a:								
36	Haskell	2,003	170	566	203	194	144	1,234	163
37	McIntosh	2,344	151	203	123	150	159	2,003	152
38	Muskogee	3,582	186	310	223	544	313	2,728	170
39	Okmulgee	1,696	178	232	191	99	104	1,364	187
40	Sequoyah	1,167	179	376	171	226	264	560	161
41	Wagoner	3,051	153	412	141	200	184	2,428	153
	Area 8b:								
42	Adair	1,414	226	495	177	80	214	826	268
43	Cherokee	510	200	204	182	96	255	208	201
44	Delaware	3,080	184	787	211	71	203	2,207	175
	Area 9:								
45	Atoka	676	158	198	156	86	150	385	159
46	Latimer	504	247	274	240	176	280	54	195
47	Le Flore	1,971	205	565	219	132	202	1,273	200
48	McCurtain	1,569	211	462	200	106	169	1,002	222
49	Pittsburg	2,803	189	779	206	439	211	1,554	174
50	Pushmataha	616	207	158	207	191	209	267	205

Z 0.05 percent or less.

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Cotton*	*Cotton*								
1	100	929	90	2	73	208	70	...	...	...	1
116	154	1,288	129	6	114	2,785	98	...	...	...	2
34	192	25	93	32	188	754	102	625	0.2	1,440	3
...	...	5	33	...	...	760	76	...	...	...	4
146	169	392	148	221	222	2,041	131	200	0.1	1,200	5
...	...	166	108	...	...	24	45	...	...	...	6
2	53	339	67	...	...	50	71	25	(Z)	1,120	7
12	50	402	111	2	267	84	66	...	...	...	8
25	164	134	117	...	...	134	84	60	(Z)	500	9
...	...	141	120	62	238	255	92	400	0.1	2,000	10
2	160	1,591	97	6	400	625	81	...	...	...	11
136	176	30	190	11	400	427	127	1,442	1.6	1,567	12
220	142	88	174	4	267	499	209	100	0.1	600	13
142	166	157	172	3	75	803	150	1,740	1.3	2,257	14
10	71	48	95	12	533	2,686	88	630	0.4	2,317	15
31	113	74	148	8	246	963	140	...	...	...	16
82	185	74	131	7	700	1,990	134	884	0.9	3,762	17
149	207	179	159	9	295	1,078	140	650	0.5	2,754	18
63	207	37	208	17	1,133	855	141	240	0.2	2,917	19
50	166	2	80	60	400	1,076	116	465	0.4	1,557	20
62	133	54	78	2	50	214	150	1,366	2.8	2,000	21
147	163	30	245	10	400	448	225	543	0.6	2,722	22
545	181	206	197	28	249	659	144	660	0.4	424	23
246	155	116	139	56	157	531	210	217	0.2	2,304	24
126	278	10	133	32	640	259	217	466	0.5	2,103	25
56	165	57	245	10	667	376	207	301	0.3	2,359	26
5	200	11	293	26	306	159	383	785	0.9	2,148	27
14	181	30	158	55	305	206	205	80	0.1	2,250	28
80	202	23	123	...	...	86	125	340	0.5	2,618	29
57	170	126	215	9	189	96	204	81	0.1	1,975	30
5	133	65	63	1	200	90	105	100	0.2	2,000	31
88	164	233	172	40	271	738	111	125	0.1	320	32
605	177	569	163	23	123	984	173	1,025	0.5	1,707	33
192	193	122	198	119	517	350	221	545	0.6	1,468	34
16	38	40	47	...	...	78	124	...	...	...	35
206	128	199	204	134	245	695	156	340	0.4	2,235	36
551	162	429	161	76	146	947	144	120	0.1	1,250	37
280	180	746	166	127	159	1,575	170	2,927	1.7	2,866	38
311	146	143	162	21	300	889	210	813	0.6	1,828	39
40	167	71	164	108	199	341	151	935	1.0	2,353	40
348	136	288	155	41	198	1,751	155	2,970	2.1	3,481	41
92	173	...	...	496	425	238	172	340	0.5	2,676	42
92	216	6	160	14	329	96	181	300	0.3	2,787	43
230	172	...	...	176	503	1,801	165	2,245	2.1	1,502	44
91	173	38	129	23	200	233	157	2,200	3.1	1,014	45
40	232	2	89	4	533	8	107	641	2.1	3,342	46
236	202	120	249	294	326	623	164	1,017	0.8	1,396	47
477	208	260	185	112	479	153	265	1,192	0.9	2,122	48
264	194	386	178	67	534	837	158	1,545	1.2	2,614	49
114	189	1	286	4	320	148	217	640	1.3	2,300	50

OREGON

TONS OF FERTILIZER

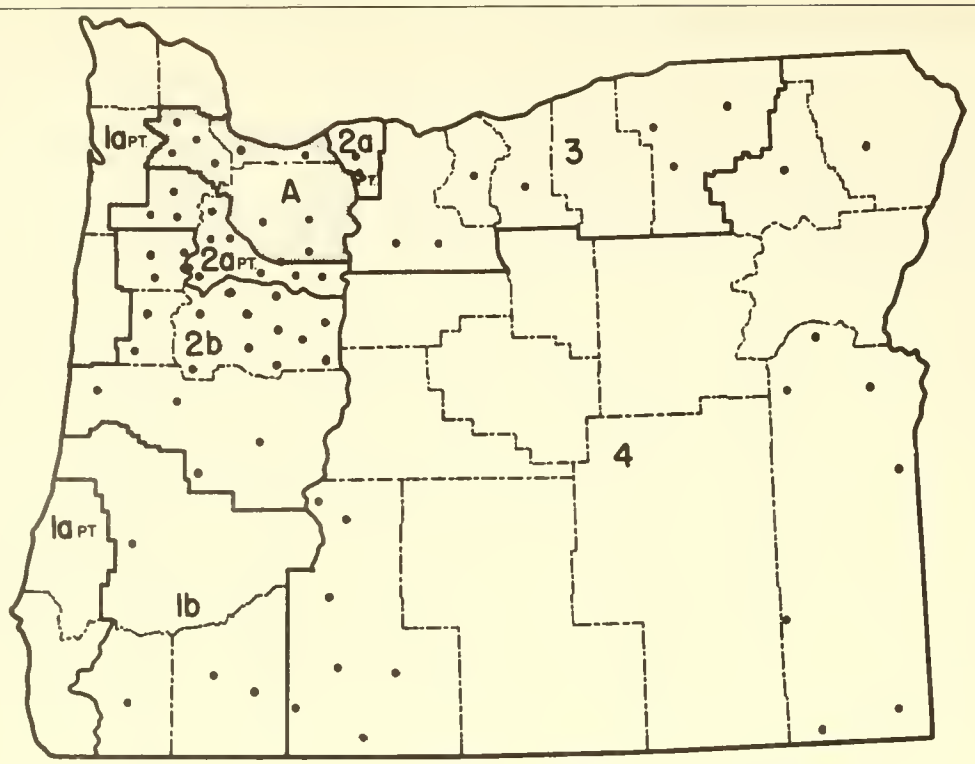
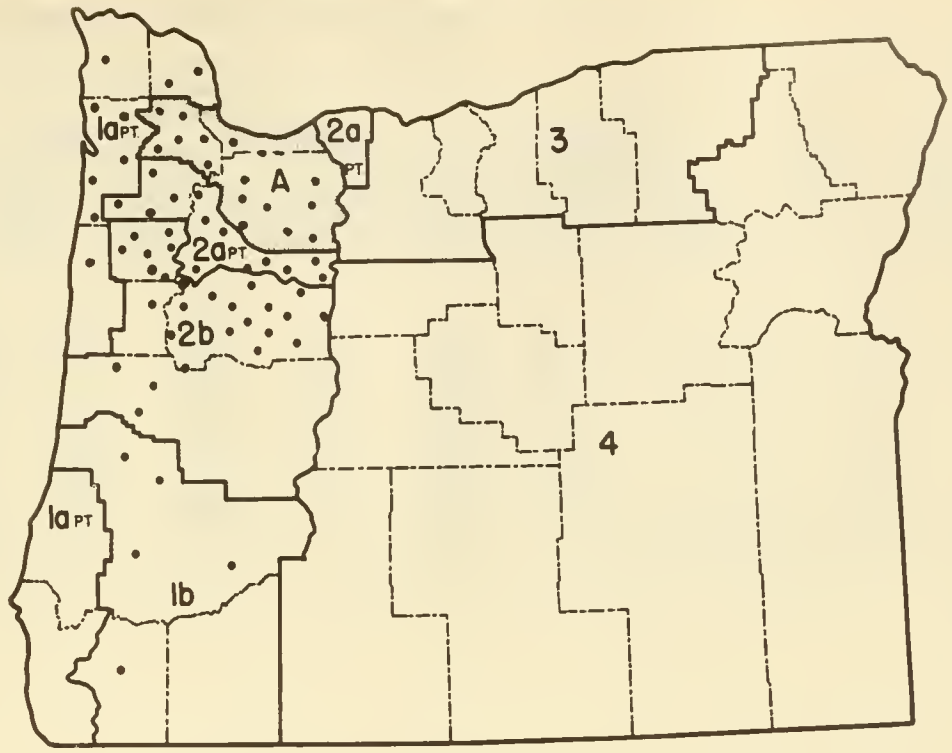


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Oregon, total	148,790	227	22,562	206	5,346	208	119,940	230
	Area 1a:								
2	Clatsop	397	221	282	213	36	110	78	538
3	Columbia	915	278	301	229	152	262	446	320
4	Coos	539	385	453	426	36	244	50	263
5	Curry	284	716	52	229	1	154	231	1,444
6	Lincoln	282	212	217	179	33	443	32	753
7	Tillamook	960	305	670	333	284	251	...	...
	Area 1b:								
8	Douglas	1,689	205	788	196	189	154	709	243
9	Jackson	4,026	247	1,225	167	494	210	2,280	346
10	Josephine	1,568	273	1,202	251	162	282	187	489
	Area 2a:								
11	Hood River	3,314	461	185	271	43	200	3,077	489
12	Marion	15,112	280	1,263	186	606	251	13,174	295
13	Yamhill	5,554	203	726	179	307	228	4,424	201
	Metropolitan Area A:								
14	Clackamas	6,764	267	1,607	239	262	325	4,849	273
15	Multnomah	3,446	548	158	322	50	189	3,234	580
16	Washington	7,484	285	906	218	258	265	6,203	297
	Area 2b:								
17	Benton	3,891	184	774	241	109	133	2,969	174
18	Lane	7,450	223	1,361	190	581	225	5,503	226
19	Linn	21,316	275	1,446	182	398	189	19,177	279
20	Polk	5,469	196	543	195	233	184	4,686	199
	Area 3:								
21	Gilliam	1,134	79	180	273	7	124	947	69
22	Morrow	782	77	143	155	16	176	634	69
23	Sherman	1,537	58	36	101	...	...	1,480	57
24	Umatilla	6,747	75	616	129	175	176	5,964	72
25	Wasco	3,166	135	379	186	47	167	2,728	129



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Wheat 17,722	*Wheat* 97	*Oats* 10,356	*Oats* 209	38,805	512	53,057	239	23,615	0.4	2,944	1
...	...	...	...	28	1,400	50	400	155	0.8	5,677	2
1	100	69	244	202	451	174	267	551	1.2	3,590	3
...	...	...	...	48	263	2	267	131	0.2	3,802	4
...	...	...	...	7	437	224	1,556	15	0.1	4,000	5
...	...	...	...	22	677	10	1,000	155	0.8	4,387	6
...	...	...	...	...	...	...	...	945	2.9	5,143	7
46	143	72	170	114	213	477	292	1,059	0.9	3,543	8
29	201	53	128	2,017	391	181	207	430	0.4	991	9
20	276	5	200	94	637	68	495	370	1.1	1,514	10
...	...	1	400	3,066	490	10	400	25	0.1	800	11
722	149	944	141	4,862	636	6,646	261	2,295	0.9	3,869	12
638	133	496	133	1,866	456	1,424	151	1,235	0.8	2,991	13
619	163	799	169	1,908	609	1,523	250	2,282	1.5	3,350	14
86	337	146	323	2,455	591	547	770	625	1.6	1,568	15
544	158	497	141	3,228	496	1,934	260	2,300	1.6	2,620	16
351	134	420	153	403	452	1,795	167	868	0.9	1,475	17
371	161	584	137	1,683	416	2,865	209	1,215	0.7	2,306	18
424	165	950	115	1,312	430	16,491	301	5,609	2.0	2,937	19
518	148	416	147	1,304	498	2,448	168	2,323	1.6	2,820	20
898	68	2	133	...	...	47	105	...	...	...	21
325	54	2	80	126	933	181	61	...	...	...	22
1,276	56	4	320	3	100	197	58	...	...	...	23
3,783	58	62	114	985	198	1,134	95	10	...	2,000	24
1,902	114	54	81	413	255	359	166	15	...	267	25

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Oregon—Continued								
	Area 4:								
1	Baker	834	176	346	225	23	180	466	151
2	Crook	2,132	317	593	206	106	143	1,423	462
3	Deschutes	3,392	300	2,066	268	207	273	1,112	393
4	Grant	365	171	331	178	10	104	19	105
5	Harney	362	237	358	236	...	...	4	308
6	Jefferson	4,871	244	649	210	119	177	4,113	252
7	Klamath	13,679	361	816	171	128	125	12,677	394
8	Lake	616	151	360	162	29	237	221	127
9	Malheur	14,891	498	616	234	211	182	14,027	545
10	Union	2,236	169	446	190	18	122	1,741	163
11	Wallowa	1,432	127	356	159	16	100	1,032	116
12	Wheeler	154	136	112	199	...	...	43	77

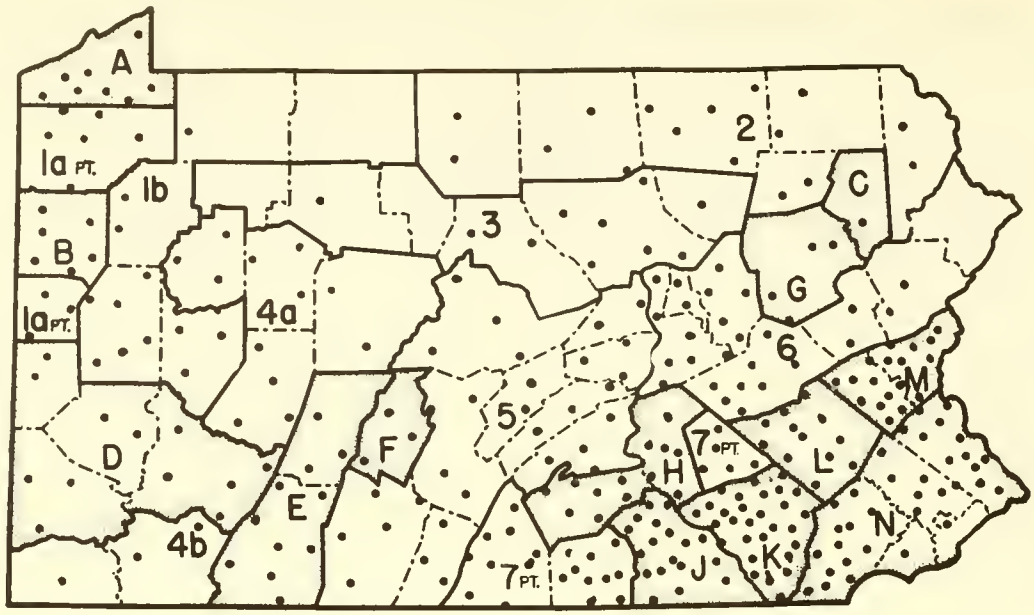
Z 0.05 percent or less.

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Wheat	*Wheat*	*Oats*	*Oats*								
178	130	35	192	31	352	222	153	12	...	167	1
213	282	24	181	946	750	240	258	...	...	...	2
168	277	144	247	664	730	136	187	525	0.8	903	3
6	111	4	119	...	...	9	98	...	...	...	4
2	200	...	...	...	...	2	667	...	...	...	5
1,548	199	92	263	1,117	566	1,356	217	...	...	...	6
389	140	4,009	601	3,621	524	4,658	295	185	0.1	2,486	7
79	84	26	159	32	337	84	153	80	(Z)	1,500	8
1,112	368	276	328	6,241	709	6,398	489	200	0.1	2,000	9
767	141	102	207	7	156	865	184	...	...	...	10
673	112	67	165	...	...	292	119	...	...	...	11
34	74	1	400	...	...	8	86	...	...	...	12

PENNSYLVANIA

TONS OF FERTILIZER



LEGEND

B METROPOLITAN STATE ECONOMIC AREA

2 NONMETROPOLITAN STATE ECONOMIC AREA

1 DOT = 2,000 TONS

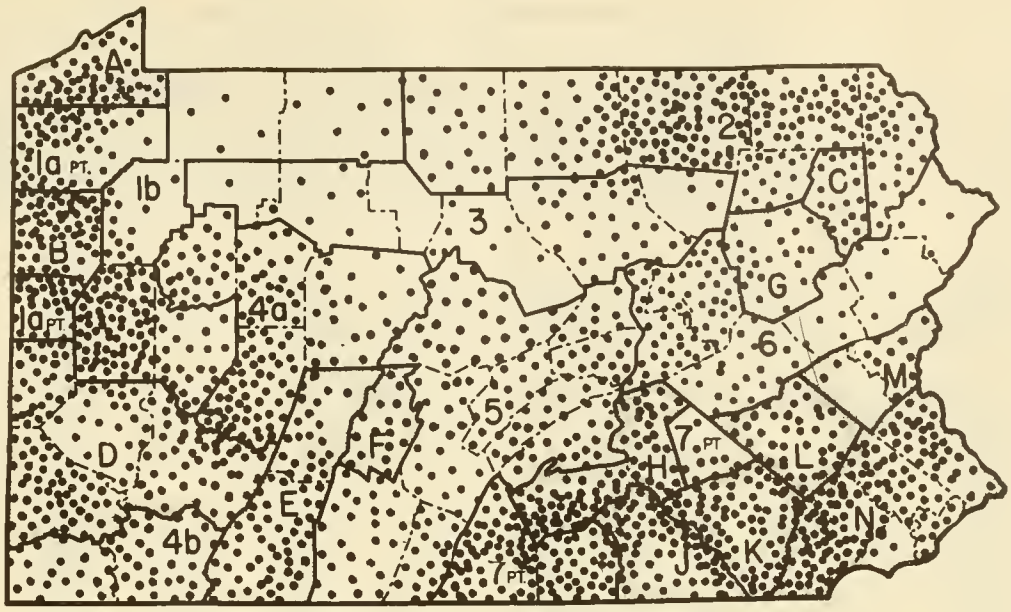
Map No. A54-458

Table 1.-USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Pennsylvania, total	609,005	381	68,715	353	20,524	353	515,769	383
	Area 1a:								
2	Crawford	11,605	350	840	359	205	315	10,408	343
3	Lawrence	6,290	295	451	318	216	386	5,579	286
	Metropolitan Area A:								
4	Erie	16,562	462	696	296	234	397	15,637	483
	Metropolitan Area B:								
5	Mercer	11,112	334	636	347	370	386	9,948	325
	Area 1b:								
6	Armstrong	6,053	283	510	351	218	379	5,212	267
7	Butler	11,271	347	1,164	334	346	338	9,730	345
8	McKean	906	370	256	375	22	440	624	360
9	Venango	3,110	334	282	333	118	360	2,678	327
10	Warren	2,466	358	410	454	130	468	1,930	332
	Area 2:								
11	Bradford	10,790	323	1,450	360	350	500	8,900	307
12	Potter	4,796	523	182	310	198	428	4,398	546
13	Susquehanna	4,456	350	1,202	303	240	409	3,008	359
14	Tioga	5,739	323	555	364	202	327	4,947	317
15	Wayne	3,266	426	1,549	397	148	403	1,568	468
16	Wyoming	3,036	427	984	458	136	490	1,915	405
	Area 3:								
17	Cameron	88	352	37	302	...	...	50	392
18	Clinton	3,114	375	462	338	218	413	2,388	378
19	Elk	1,136	482	157	413	21	365	950	500
20	Forest	312	420	32	533	11	733	267	405
21	Lycoming	11,449	345	1,352	314	342	416	9,617	343
22	Sullivan	1,042	354	161	306	66	528	808	350
	Area 4a:								
23	Clarion	5,428	290	412	262	255	351	4,680	283
24	Clearfield	3,480	330	364	268	170	293	2,906	333
25	Indiana	8,900	301	926	324	469	293	7,456	300
26	Jefferson	5,156	333	802	289	92	379	4,177	332

PENNSYLVANIA

TONS OF LIME



LEGEND

8 METROPOLITAN STATE ECONOMIC AREA

2 NONMETROPOLITAN STATE ECONOMIC AREA

1 OOT = 500 TONS

Map No. A54-459

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 201,889	*Corn* 355	*Wheat* 95,800	*Wheat* 333	89,014	907	129,066	328	649.069	8.7	2,702	1
4,532	340	1,580	329	1,120	1,284	3,176	280	16,675	8.8	3,092	2
2,540	302	1,442	279	202	298	1,395	266	8,940	10.8	3,160	3
3,434	368	1,819	345	7,696	750	2,688	357	16,130	9.1	3,394	4
4,579	326	1,980	312	202	569	3,187	321	17,600	10.9	3,269	5
2,086	277	1,230	266	64	366	1,832	256	7,595	6.2	3,072	6
3,876	354	2,138	341	648	589	3,068	311	24,485	16.0	3,024	7
198	368	26	281	89	1,047	311	306	2,545	7.1	2,982	8
996	336	475	273	292	948	915	288	4,411	7.1	2,919	9
688	342	208	328	156	560	878	304	4,991	8.5	2,861	10
4,196	309	643	320	98	370	3,963	301	30,348	12.6	2,490	11
595	395	195	342	2,054	1,062	1,554	383	7,629	10.1	2,727	12
1,766	346	68	453	46	449	1,128	373	16,145	11.5	2,937	13
1,725	316	316	339	266	1,013	2,640	295	13,436	8.3	2,525	14
994	436	10	333	101	842	463	502	10,447	10.8	3,224	15
1,017	348	122	392	317	961	459	393	5,771	9.6	2,890	16
28	386	4	400	4	800	14	350	70	2.7	2,714	17
945	366	456	273	454	1,526	533	302	4,015	10.5	1,758	18
176	466	125	476	206	1,230	443	405	3,185	15.3	2,220	19
104	447	33	426	22	800	108	335	415	5.2	3,494	20
4,587	373	1,842	329	387	557	2,801	296	10,834	8.2	2,756	21
278	348	36	306	122	1,038	372	292	2,350	9.6	2,076	22
1,641	281	1,224	307	45	486	1,770	267	6,701	7.1	3,493	23
1,148	352	558	311	152	715	1,048	303	9,091	10.9	2,399	24
3,160	325	1,638	296	258	742	2,400	259	20,910	12.9	2,588	25
1,517	361	902	320	220	696	1,538	294	10,240	11.1	2,390	26

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Pennsylvania—Continued								
	Metropolitan Area D:								
1	Allegheny	3,308	352	338	271	120	242	2,846	365
2	Beaver	3,169	346	452	336	96	400	2,577	343
3	Washington	5,845	314	1,076	258	328	340	4,353	321
4	Westmoreland	9,492	332	1,496	329	361	327	7,535	328
	Area 4b:								
5	Fayette	4,528	346	814	364	298	489	3,413	325
6	Greene	1,448	348	353	337	64	400	1,028	346
7	Somerset	15,002	357	2,252	319	732	369	11,848	360
	Metropolitan Area E:								
8	Cambria	5,578	423	574	662	107	293	4,863	414
	Area 5:								
9	Bedford	9,470	288	1,620	296	263	269	7,504	283
10	Centre	8,921	300	952	311	217	340	7,676	296
11	Fulton	5,018	325	564	336	270	334	4,119	313
12	Huntingdon	5,282	285	472	310	142	377	4,592	278
13	Juniata	5,102	273	424	291	71	263	4,601	273
14	Mifflin	4,587	295	446	347	296	337	3,774	288
15	Perry	7,225	294	632	282	328	387	6,169	287
16	Snyder	6,098	281	472	277	125	216	5,462	278
17	Union	4,958	306	532	278	191	375	4,204	306
	Metropolitan Area F:								
18	Blair	5,754	359	996	326	61	277	4,678	370
	Area 6:								
19	Carbon	3,126	454	183	455	16	291	2,922	446
20	Columbia	11,511	360	1,033	389	143	364	10,210	356
21	Monroe	3,802	493	331	339	42	329	3,444	514
22	Montour	3,606	274	282	278	62	388	3,260	272
23	Northumberland	11,784	342	748	294	444	415	10,574	346
24	Pike	657	507	192	431	15	375	450	557
25	Schuylkill	14,472	544	1,278	303	158	297	12,980	594
	Metropolitan Area C:								
26	Lackawanna	2,829	489	536	280	199	447	2,046	599
	Metropolitan Area G:								
27	Luzerne	8,200	510	976	409	176	367	7,049	536
	Area 7:								
28	Adams	19,992	380	1,616	340	560	273	17,756	387
29	Franklin	18,058	316	2,168	345	860	293	14,847	307
30	Lebanon	10,496	352	1,124	385	429	293	8,928	359
	Metropolitan Area H:								
31	Cumberland	13,883	292	1,479	368	378	443	11,951	285
32	Dauphin	11,058	356	1,566	413	394	383	9,155	346
	Metropolitan Area J:								
33	York	36,837	432	2,024	367	1,024	361	33,656	439
	Metropolitan Area K:								
34	Lancaster	58,150	493	5,344	402	1,900	359	50,434	508
	Metropolitan Area L:								
35	Berks	23,850	363	2,599	367	596	381	20,336	355
	Metropolitan Area M:								
36	Lehigh	20,567	576	1,130	348	254	369	18,967	595
37	Northampton	15,354	458	3,474	472	270	478	11,483	448
	Metropolitan Area N:								
38	Bucks	25,556	515	2,966	374	706	368	21,949	552
39	Chester	28,104	449	5,728	382	2,563	330	19,696	481
40	Delaware	1,613	473	300	484	68	368	1,245	477
41	Montgomery	11,574	400	1,290	391	420	432	9,835	402
42	Philadelphia	1,578	1,020	11	79	...	...	1,573	1,120

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Wheat*	*Wheat*								
916	333	492	309	714	585	724	325	7,530	9.9	2,888	1
1,023	346	590	349	114	338	850	334	8,835	15.3	2,778	2
2,049	315	662	334	214	437	1,428	312	15,975	7.6	3,184	3
3,368	325	1,546	329	275	473	2,346	320	17,397	8.7	2,411	4
1,426	330	653	324	60	857	1,274	312	8,980	8.4	3,048	5
597	336	158	322	30	1,333	243	356	5,100	4.2	4,007	6
4,243	356	1,500	354	1,224	1,044	4,881	312	19,652	11.3	2,464	7
1,324	383	749	345	1,182	1,086	1,608	320	8,945	11.5	2,459	8
3,052	288	1,347	291	552	358	2,553	263	8,655	5.2	2,953	9
2,964	291	1,998	305	472	833	2,242	259	8,984	6.9	3,138	10
1,268	282	1,287	311	330	727	1,234	303	6,869	9.5	2,909	11
1,978	270	1,104	299	168	715	1,342	254	6,854	6.6	3,022	12
1,880	267	1,104	276	230	538	1,387	258	5,011	7.0	2,852	13
1,608	291	918	282	194	464	1,054	270	4,639	7.1	2,840	14
2,510	271	1,648	330	79	405	1,932	274	4,715	4.7	3,099	15
1,983	259	1,514	291	443	535	1,522	257	4,925	6.3	2,512	16
1,741	292	1,011	287	416	737	1,036	281	3,045	4.6	2,870	17
2,084	405	844	337	420	654	1,330	306	5,300	6.6	3,066	18
951	424	612	372	656	1,286	703	327	2,156	7.9	2,583	19
3,898	368	2,716	339	1,070	759	2,526	290	9,570	8.4	2,576	20
880	427	512	388	1,114	1,593	938	358	2,542	7.0	2,097	21
1,220	287	973	284	78	416	989	241	2,580	5.6	3,027	22
3,936	340	2,342	308	1,872	783	2,424	269	9,785	8.2	2,343	23
174	383	34	493	182	1,324	60	407	1,173	11.2	3,009	24
3,196	450	2,006	424	5,412	1,457	2,366	375	8,525	8.6	2,355	25
820	463	40	593	778	910	408	563	8,050	15.5	2,258	26
1,914	424	914	379	2,959	973	1,262	397	11,370	13.5	1,946	27
7,636	361	3,312	347	4,638	539	2,170	333	14,270	8.2	2,762	28
5,568	287	4,380	307	2,123	361	2,776	313	16,055	7.8	3,283	29
4,084	323	1,518	294	1,476	952	1,850	336	5,585	5.3	1,654	30
5,328	272	3,135	280	604	494	2,884	293	11,870	6.8	3,422	31
4,119	352	1,834	346	648	816	2,554	296	9,840	9.3	2,776	32
13,176	360	8,034	383	7,841	1,192	4,605	369	19,213	6.7	2,563	33
18,568	414	9,044	348	9,248	1,174	13,574	658	28,785	7.4	2,244	34
9,594	349	4,546	331	1,950	746	4,246	316	17,755	6.7	2,115	35
5,102	480	2,433	385	9,002	1,153	2,430	341	1,575	1.4	1,213	36
5,612	430	1,340	342	2,125	1,160	2,406	353	3,490	2.9	2,630	37
7,838	456	3,282	383	7,746	1,577	3,083	339	14,937	8.8	2,123	38
9,427	480	2,694	438	2,766	1,017	4,809	386	27,100	12.9	2,328	39
504	511	140	418	144	339	457	529	1,535	7.4	2,169	40
5,512	434	1,701	350	784	771	1,838	311	13,843	12.1	2,072	41
12	185	63	355	1,460	1,371	38	390	1,095	27.3	6,393	42

RHODE ISLAND

TONS OF FERTILIZER

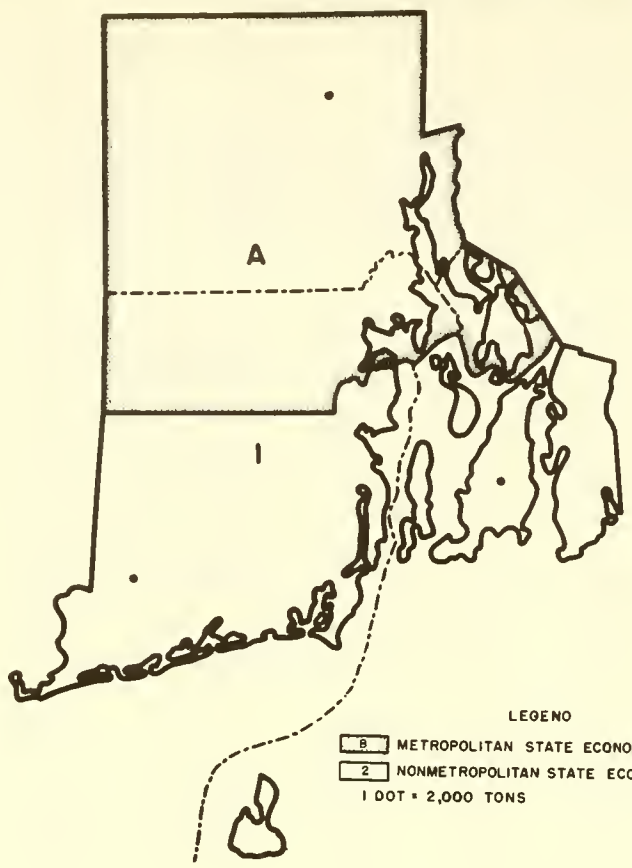


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Rhode Island, total	5,788	731	1,884	501	163	292	3,710	1,016
	Area 1:								
2	Newport	2,058	718	736	531	80	248	1,212	1,002
3	Washington	1,242	689	418	405	38	338	786	1,195
	Metropolitan Area A:								
4	Bristol	208	763	...	...	...	...	208	763
5	Kent	334	576	136	716	6	480	191	506
6	Providence	1,946	813	594	515	39	355	1,313	1,159

RHODE ISLAND
TONS OF LIME

Map No. A54-461

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 1,268	*Corn* 611	*Tobacco* ...	*Tobacco* ...	1,645	1,253	797	3,036	3,222	4.7	2,052	1
482	614	...	...	710	1,711	20	2,000	720	3.7	2,069	2
158	521	...	...	568	2,367	60	522	1,092	6.5	1,916	3
120	600	...	...	78	1,156	10	2,000	...	...	...	4
80	604	...	...	89	414	22	733	40	0.5	4,000	5
428	653	...	...	200	533	685	6,683	1,370	6.5	2,095	6

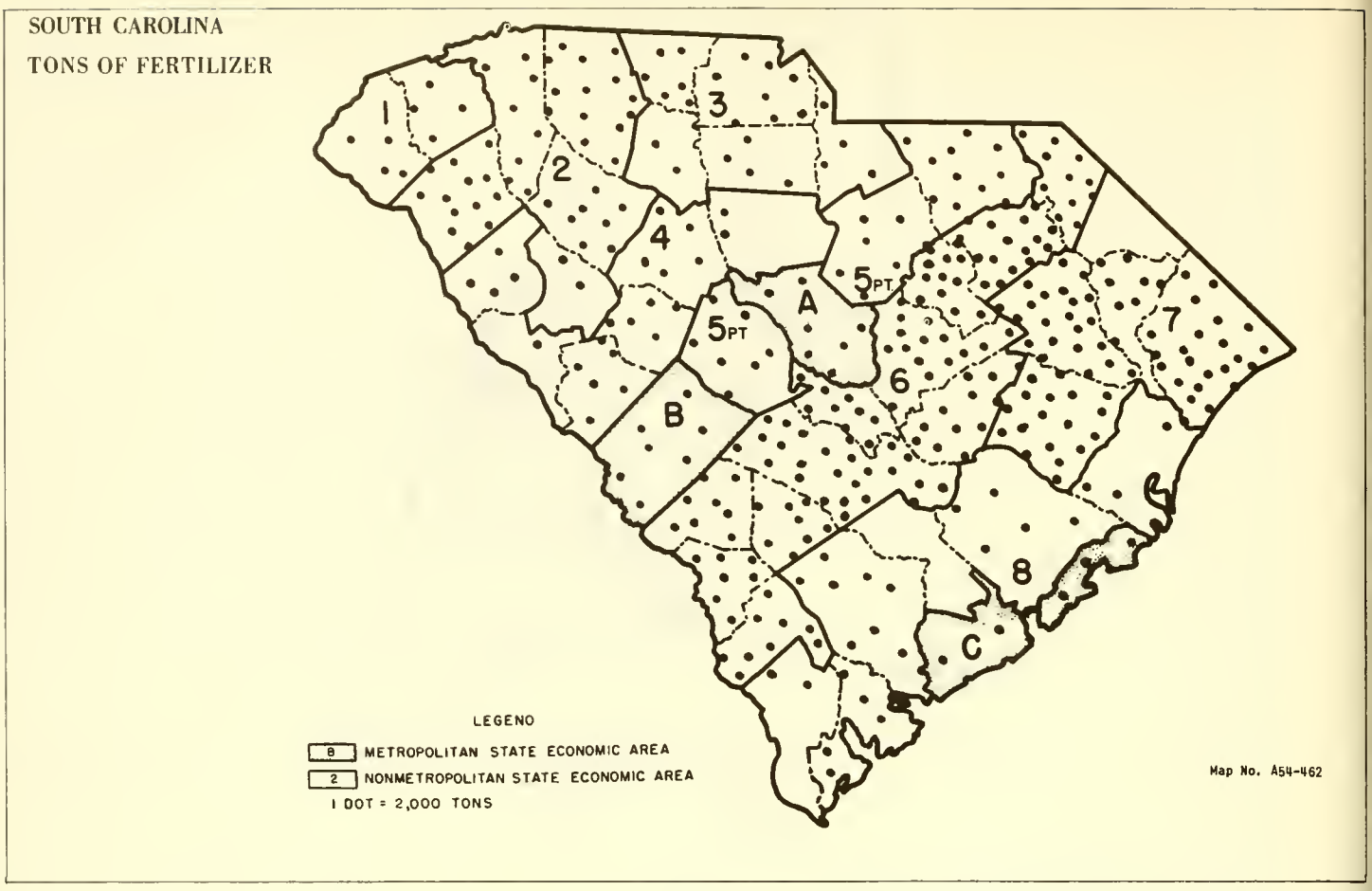
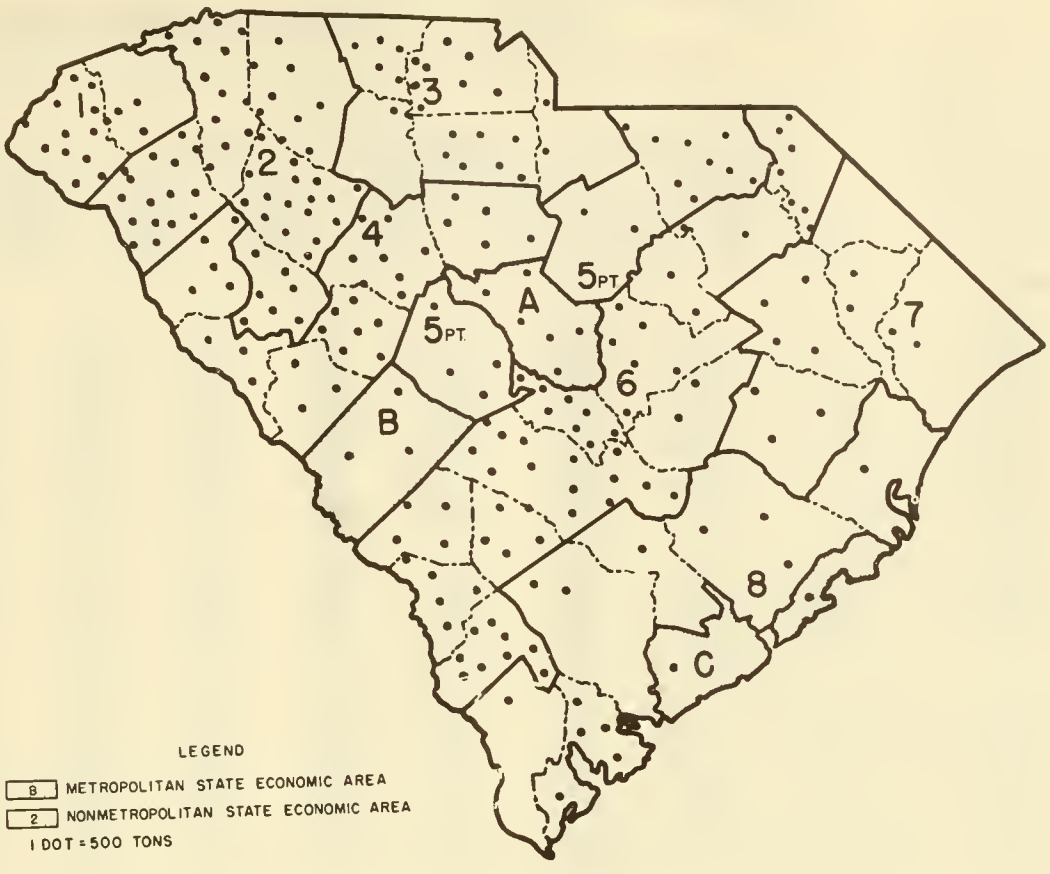


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	South Carolina, total	777,105	477	80,158	350	19,687	324	675,294	507
	Area 1:								
2	Oconee	8,888	372	683	275	527	257	7,677	397
3	Pickens	8,421	419	554	254	763	340	7,061	452
	Area 2:								
4	Anderson	26,400	388	2,746	336	1,194	233	22,515	414
5	Greenville	16,348	432	2,920	386	760	372	12,572	447
6	Greenwood	4,780	307	1,492	290	254	159	2,976	339
7	Laurens	16,948	431	3,789	420	922	329	12,136	436
8	Spartanburg	27,782	419	4,734	321	1,420	299	21,478	461
	Area 3:								
9	Cherokee	11,131	422	2,024	369	672	327	8,223	442
10	Chester	8,024	399	1,894	385	459	273	5,631	418
11	Lancaster	8,444	456	1,338	326	598	389	6,443	508
12	Union	4,645	355	1,212	318	144	249	3,279	382
13	York	15,581	394	3,046	322	1,414	290	11,433	445
	Area 4:								
14	Abbeville	7,983	384	1,292	297	580	299	6,054	421
15	Edgefield	11,057	439	948	351	758	401	9,303	451
16	Fairfield	4,400	346	1,102	296	456	321	2,868	386
17	McCormick	2,092	383	193	269	90	209	1,788	406
18	Newberry	10,471	352	1,617	293	513	257	8,396	382
19	Saluda	9,871	387	1,700	341	487	406	7,590	401
	Area 5:								
20	Chesterfield	23,815	486	1,027	343	157	162	22,497	500
21	Kershaw	12,973	454	709	275	157	174	12,096	488
22	Lexington	13,846	408	1,374	328	162	472	12,324	426
	Metropolitan Area A:								
23	Richland	13,534	401	2,061	319	672	291	10,782	432
	Metropolitan Area B:								
24	Aiken	17,069	398	1,851	341	306	313	14,971	415



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 203,410	Corn 398	Cotton 234,518	Cotton 597	53,810	825	183,556	504	143,070	2.9	1,740	1
2,632	362	2,299	585	616	785	2,130	290	6,619	7.8	1,776	2
3,116	423	1,934	590	444	689	1,567	362	2,023	2.8	2,035	3
4,910	418	8,876	611	665	562	8,064	300	9,720	4.2	1,660	4
3,726	376	4,890	590	1,160	753	2,796	334	8,122	6.2	1,499	5
927	299	847	467	82	474	1,120	304	7,194	9.6	1,006	6
2,793	417	5,438	554	232	556	3,673	337	9,180	6.3	1,883	7
5,316	404	6,402	556	5,734	595	4,026	327	4,682	2.3	1,951	8
2,016	375	3,786	576	472	520	1,949	338	2,345	2.6	2,097	9
1,431	341	3,114	605	149	854	937	237	3,950	4.4	1,757	10
1,787	396	3,479	678	281	706	896	342	885	1.2	1,869	11
1,096	348	1,447	471	88	562	648	294	390	0.6	1,744	12
2,941	389	5,678	607	433	417	2,381	307	4,418	3.2	1,802	13
1,320	313	2,766	639	138	607	1,830	326	2,540	2.8	1,958	14
2,548	359	3,238	642	1,127	924	2,390	330	2,215	2.9	1,467	15
895	298	1,403	632	31	873	539	249	2,529	4.0	1,837	16
566	307	1,040	518	28	577	154	310	1,370	4.5	1,956	17
2,843	375	2,185	573	80	432	3,288	317	4,305	4.7	1,816	18
2,949	402	2,034	542	702	846	1,905	271	4,420	5.2	1,652	19
5,167	399	11,436	640	2,167	635	3,727	347	5,254	3.5	1,733	20
2,902	357	6,423	648	972	688	1,799	338	1,118	1.0	1,923	21
5,330	375	3,345	525	1,862	803	1,787	296	1,915	1.8	1,979	22
2,511	352	2,611	617	272	585	5,388	411	2,640	2.7	2,442	23
5,656	316	7,178	648	366	486	1,771	279	1,317	0.8	2,126	24

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	South Carolina—Continued								
	Area 6:								
1	Allendale	13,213	410	585	494	70	252	12,598	411
2	Bamberg	15,686	436	820	250	243	460	14,659	457
3	Barnwell	15,580	473	1,247	359	329	300	14,069	495
4	Calhoun	17,172	463	1,310	394	256	563	15,606	473
5	Clarendon	24,762	497	1,709	332	122	536	22,921	519
6	Darlington	30,620	506	1,943	294	246	288	28,292	536
7	Hampton	18,836	447	1,434	363	254	318	17,237	461
8	Lee	23,605	519	910	352	346	416	22,248	524
9	Marlboro	22,798	454	2,118	308	103	410	20,868	485
10	Orangeburg	49,226	458	4,935	337	855	395	43,030	474
11	Sumter	29,758	472	2,781	330	73	328	26,556	490
	Area 7:								
12	Dillon	22,140	603	1,514	346	314	487	20,278	641
13	Florence	43,556	610	2,333	359	580	477	40,841	645
14	Horry	43,586	786	2,020	384	258	625	41,050	827
15	Marion	15,823	605	1,184	272	104	298	14,534	681
16	Williamsburg	35,434	564	2,633	365	253	354	32,174	592
	Area 8:								
17	Beaufort	10,320	1,023	708	381	684	518	8,923	1,300
18	Berkeley	10,037	493	1,520	431	69	286	8,391	517
19	Colleton	16,782	483	2,497	554	491	416	13,706	473
20	Dorchester	12,935	526	1,100	367	137	559	11,700	557
21	Georgetown	5,540	550	496	401	282	548	4,719	575
22	Jasper	4,495	432	812	349	134	403	3,488	453
	Metropolitan Area C:								
23	Charleston	10,698	848	3,243	677	19	271	7,313	938

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay					
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Corn	*Corn*	*Cotton*	*Cotton*								
3,292	367	3,427	618	1,661	623	4,218	313	2,628	2.8	1,742	1
5,848	382	4,845	634	1,703	565	2,263	368	2,050	2.1	1,737	2
4,718	356	4,682	612	3,710	704	959	422	2,640	2.4	1,413	3
3,134	354	4,798	597	222	827	7,452	469	3,685	3.6	2,089	4
7,348	356	9,552	584	356	838	5,665	836	1,087	0.8	1,899	5
6,128	389	10,032	602	611	759	11,521	588	1,339	0.9	1,624	6
6,112	413	3,242	672	2,361	893	5,522	366	3,205	3.1	2,702	7
4,019	387	13,334	640	280	736	4,615	425	1,880	1.5	1,239	8
3,607	401	12,930	557	421	651	3,910	385	3,831	2.9	1,841	9
13,934	374	18,760	615	3,458	784	6,878	372	8,310	3.0	1,836	10
6,242	370	13,022	586	813	769	6,479	462	4,837	3.0	1,332	11
5,136	427	7,090	582	228	996	7,824	1,087	1,935	2.1	1,532	12
12,779	433	10,283	590	1,167	928	16,612	1,101	2,909	1.6	1,361	13
13,354	521	2,822	515	2,910	1,070	21,964	1,391	1,875	1.3	1,319	14
4,244	432	3,447	584	375	1,242	6,468	1,217	960	1.3	1,812	15
11,552	416	9,839	556	567	1,053	10,216	1,218	2,167	1.4	1,555	16
941	461	212	453	7,414	1,975	356	593	2,826	6.4	1,793	17
4,667	455	2,620	574	216	609	888	843	1,604	2.9	1,969	18
8,161	412	3,201	629	952	808	1,392	486	1,361	1.2	1,797	19
7,064	511	2,700	597	748	758	1,188	708	630	1.1	1,898	20
1,992	409	743	545	250	1,116	1,734	996	435	1.3	2,189	21
2,186	414	708	591	342	615	252	374	435	1.2	2,207	22
1,574	531	380	587	4,944	1,390	415	659	1,290	2.4	1,682	23

SOUTH DAKOTA

TONS OF FERTILIZER

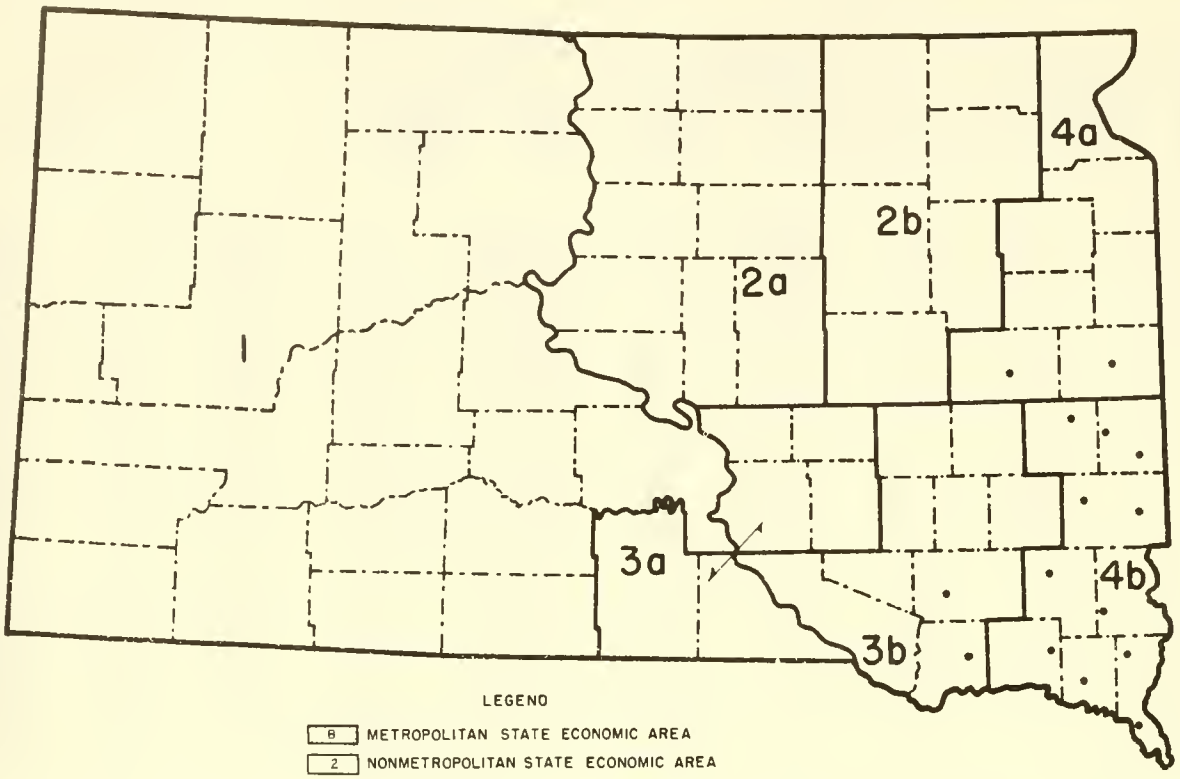
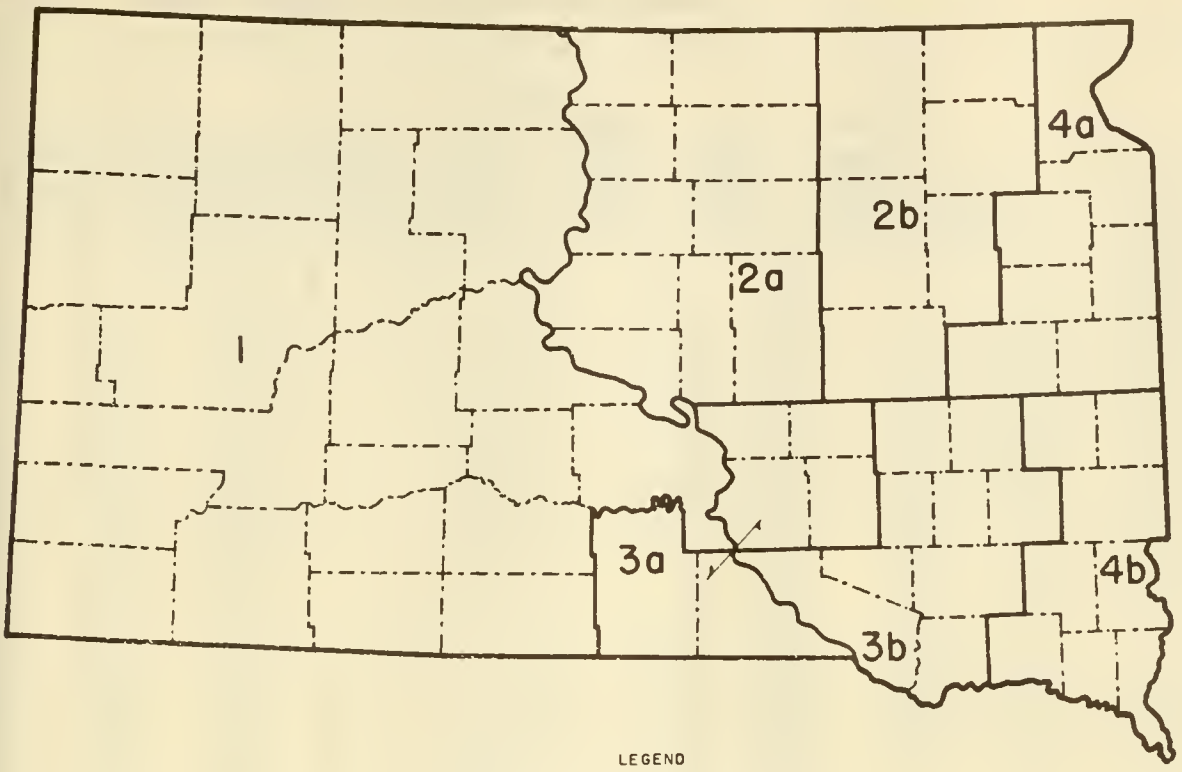


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	South Dakota, total	38,756	140	6,447	151	678	146	31,479	136
	Area 1:								
2	Bennett	34	95	...	...	1	133	33	92
3	Butte	798	226	69	169	2	100	727	234
4	Corson	6	261	...	...	...	...	6	261
5	Custer	16	106	13	104	...	...	3	115
6	Dewey[1]	34	68	...	...	...	...	34	68
7	Fall River	367	239	92	226	...	...	275	244
8	Haakon	4	82	...	...	...	...	4	82
9	Harding	8	98	2	89	...	...	6	102
10	Jackson	3	88	...	...	...	...	3	88
11	Jones	16	122	5	111	...	...	11	127
12	Lawrence	63	155	18	189	...	...	45	145
13	Lyman	47	125	...	...	...	...	47	125
14	Meade	56	137	8	114	...	...	48	142
15	Mellette	7	33	...	...	...	...	7	33
16	Pennington	62	259	29	227	...	...	33	299
17	Perkins	4	154	2	200	...	...	2	125
18	Shannon	18	87	5	116	...	...	12	74
19	Stanley	2	50	...	...	...	...	2	50
20	Todd	9	52	1	87	...	...	9	55
21	Washabaugh	2	160	...	...	...	...	2	160
22	Ziebach	24	107	...	...	...	...	24	107
	Area 2a:								
23	Campbell	2	98	1	80	...	...	1	125
24	Edmunds	16	98	4	145	...	...	12	88
25	Faulk	25	58	...	...	...	...	24	56
26	Hand	297	72	9	116	...	...	289	72
27	Hughes	10	4,000	...	...	...	...	10	4,000
28	Hyde	26	68	...	...	...	...	26	68
29	McPherson	52	141	...	...	...	...	52	141
30	Potter	67	64	2	65	1	100	63	63
31	Sully	83	91	6	136	1	111	74	86
32	Walworth	8	89	...	...	...	...	8	89
	Area 2b:								
33	Beadle	372	114	27	78	10	90	334	120
34	Brown	560	109	12	104	3	100	540	107
35	Clark	654	148	162	192	20	186	472	135
36	Day	636	112	60	133	5	100	566	109
37	Marshall	671	96	86	103	5	125	580	95
38	Spink	296	106	39	125	16	149	240	101

Z 0.05 percent or less. [1]Armstrong County was consolidated with Dewey County in March 1954.



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 18,078	*Corn* 139	*Wheat* 1,558	*Wheat* 97	543	205	11,300	138	991	(Z)	1,251	1
10	172	22	75	...	...	1	133	...	...	...	2
49	179	2	78	2	100	674	242	...	...	...	3
1	167	...	...	...	...	5	400	...	...	...	4
...	...	...	...	...	...	3	120	...	...	...	5
1	50	29	75	...	...	4	41	5	(Z)	4,000	6
80	234	12	113	4	320	179	269	...	...	...	7
...	...	1	42	...	...	3	120	...	...	...	8
...	...	2	105	...	...	4	100	...	...	...	9
...	...	2	70	...	...	1	182	...	...	...	10
5	167	2	143	...	...	4	94	...	...	...	11
26	149	9	120	2	182	8	157	...	...	...	12
5	182	27	111	...	...	15	142	...	...	...	13
...	...	22	98	...	...	26	229	...	...	...	14
2	114	3	20	...	...	2	42	...	...	...	15
12	453	...	...	5	2,000	16	200	4	(Z)	1,000	16
...	...	1	100	...	...	1	167	...	...	...	17
1	25	6	74	1	500	4	100	...	...	...	18
...	...	2	50	...	...	...	...	...	...	...	19
3	35	...	...	...	...	6	75	...	...	...	20
2	800	...	...	...	...	...	...	...	...	...	21
2	50	20	138	...	...	2	50	...	...	...	22
...	...	...	...	...	...	1	182	...	...	...	23
9	80	2	125	...	...	1	133	1	(Z)	2,000	24
10	78	8	44	...	...	6	49	...	...	...	25
141	71	72	77	...	...	76	69	1	(Z)	2,000	26
...	...	...	...	...	...	10	4,000	...	...	...	27
1	200	5	67	...	...	20	67	...	...	...	28
13	108	31	176	...	...	8	109	...	...	...	29
18	78	32	52	...	...	13	83	...	...	...	30
28	91	36	92	...	...	10	64	...	...	...	31
7	88	1	100	...	...	...	...	...	...	...	32
93	117	43	97	1	400	197	127	...	...	...	33
357	107	90	95	...	...	93	124	45	(Z)	2,000	34
237	126	36	105	119	274	80	97	...	...	...	35
196	121	58	69	...	...	312	115	...	...	...	36
253	87	91	74	...	...	236	117	...	...	...	37
105	110	95	100	...	...	40	85	160	(Z)	750	38

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	South Dakota—Continued								
	Area 3a:								
1	Aurora	102	74	10	93	...	...	92	72
2	Brule	54	128	...	...	2	200	52	126
3	Buffalo	11	95	...	...	...	...	11	95
4	Gregory	164	98	20	92	3	109	142	99
5	Jerauld	256	93	39	95	...	...	217	92
6	Tripp	254	74	13	91	...	...	241	73
	Area 3b:								
7	Bon Homme	1,104	140	142	141	30	150	934	140
8	Charles Mix	590	96	42	113	5	100	540	92
9	Davison	266	158	25	167	...	...	241	157
10	Douglas	125	95	13	160	1	100	111	90
11	Hanson	707	171	114	164	42	171	551	172
12	Hutchinson	1,262	140	174	118	10	67	1,074	146
13	McCook	566	141	92	185	36	182	438	132
14	Miner	389	117	32	142	...	...	357	114
15	Sanborn	243	120	46	135	...	...	197	117
	Area 4a:								
16	Brookings	2,067	124	712	150	16	173	1,339	113
17	Codington	646	135	192	142	...	...	452	130
18	Deuel	965	152	326	190	24	145	616	138
19	Grant	520	157	78	161	37	166	405	155
20	Hamlin	932	152	336	154	10	267	587	145
21	Kingsbury	1,084	153	296	158	22	147	766	151
22	Roberts	1,225	115	310	183	8	200	900	99
	Area 4b:								
23	Clay	2,002	147	162	137	44	132	1,771	146
24	Lake	1,076	150	226	138	8	128	842	154
25	Lincoln	2,499	148	267	169	44	114	2,171	145
26	Minnehaha	3,764	156	678	168	104	200	2,982	152
27	Moody	3,112	148	466	151	25	145	2,621	148
28	Turner	2,126	155	361	143	48	116	1,717	159
29	Union	3,632	185	336	163	65	157	3,158	182
30	Yankton	1,658	137	287	127	30	113	1,330	138

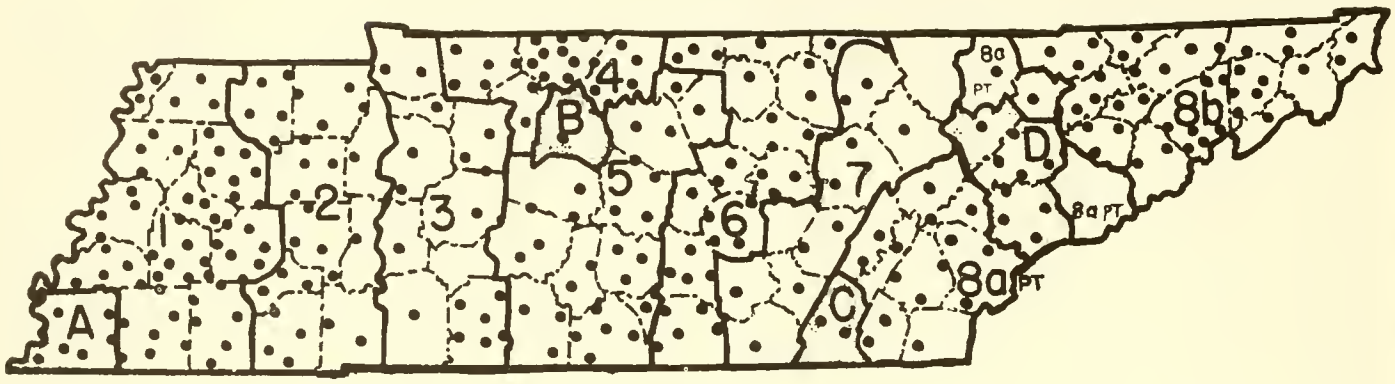
Z 0.05 percent or less.

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Wheat*	*Wheat*								
30	87	20	46	...	...	42	84	30	(Z)	1,667	1
30	152	13	99	...	...	9	109	...	...	...	2
1	65	4	133	...	...	6	86	...	...	...	3
67	86	16	125	...	...	59	112	...	...	...	4
96	93	20	102	...	...	101	90	...	...	...	5
114	60	75	87	...	...	52	96	...	...	...	6
626	151	16	194	...	...	292	120	155	0.1	2,387	7
186	94	63	103	12	112	279	89	120	(Z)	500	8
93	125	5	100	40	267	103	174	...	...	...	9
25	213	18	63	...	...	68	82	...	...	...	10
309	184	8	97	...	...	234	162	...	...	...	11
702	160	38	113	3	136	331	126	30	(Z)	2,000	12
281	143	3	133	...	...	154	114	...	...	...	13
170	103	30	143	...	...	157	123	...	...	...	14
99	99	4	67	...	...	94	151	10	(Z)	1,000	15
766	100	11	157	10	455	552	135	...	...	...	16
198	117	12	86	142	185	100	114	...	...	...	17
392	133	25	200	...	...	199	145	...	...	...	18
155	129	42	251	...	...	208	166	100	(Z)	200	19
366	140	35	179	106	197	80	116	...	...	...	20
289	127	61	153	20	200	396	172	45	(Z)	667	21
522	111	150	86	7	64	221	86	25	(Z)	480	22
1,405	141	8	267	8	91	350	172	10	(Z)	2,000	23
635	166	...	...	...	...	207	125	...	...	...	24
1,393	141	...	...	...	...	778	154	180	0.1	1,722	25
1,957	157	...	...	7	318	1,018	144	...	...	...	26
1,502	151	29	276	20	1,600	1,070	140	...	...	...	27
1,231	174	...	...	1	400	485	131	20	(Z)	1,000	28
2,068	199	62	151	30	150	998	158	50	(Z)	800	29
703	122	28	184	3	120	596	160	...	...	...	30

TENNESSEE

TONS OF FERTILIZER



LEGEND

8 METROPOLITAN STATE ECONOMIC AREA

2 NONMETROPOLITAN STATE ECONOMIC AREA

1 DOT = 2,000 TONS

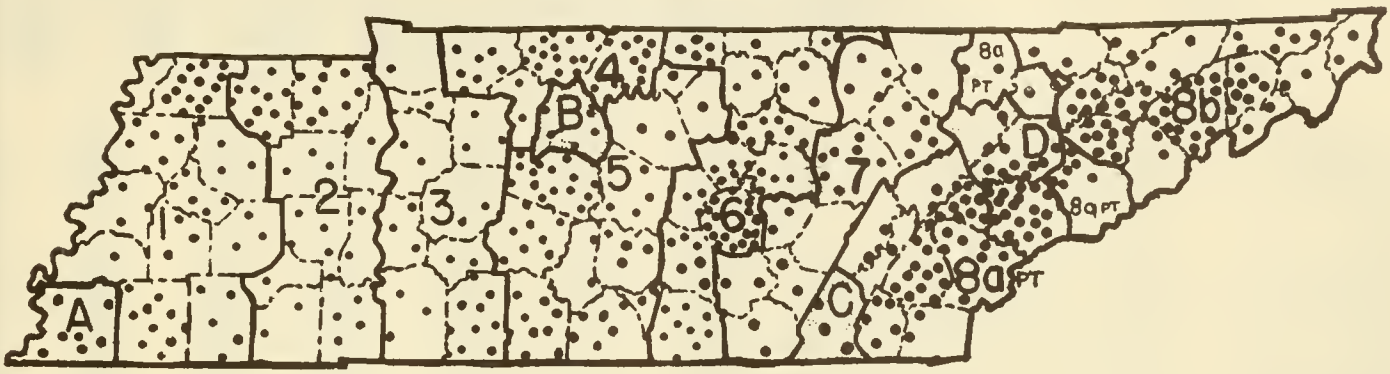
Map No. A54-466

Table 1.-USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Tennessee total	532,195	330	102,565	303	23,045	310	403,226	336
	Area 1:								
2	Crockett	10,773	370	668	374	77	218	10,026	371
3	Dyer	8,405	278	732	211	133	190	7,510	281
4	Fayette	14,325	346	1,596	533	664	352	11,918	329
5	Gibson	16,446	336	1,672	362	384	379	14,442	333
6	Hardeman	11,051	371	1,222	458	332	714	9,502	361
7	Haywood	13,263	339	476	223	92	79	12,610	354
8	Lake	3,779	284	38	203	...	...	3,722	282
9	Lauderdale	8,060	227	487	190	204	280	7,258	225
10	Madison	12,332	324	882	287	200	230	11,028	321
11	Obion	6,386	271	684	338	216	204	5,418	261
12	Tipton	10,746	256	532	275	177	169	9,979	254
	Metropolitan Area A:								
13	Shelby	12,960	309	958	242	418	268	11,357	314
	Area 2:								
14	Benton	2,326	231	289	208	76	400	1,962	232
15	Carroll	8,843	284	756	271	208	329	7,816	279
16	Chester	5,534	343	235	407	72	257	5,206	341
17	Decatur	2,330	243	388	301	68	358	1,838	223
18	Hardin	3,700	262	265	273	86	282	3,301	263
19	Henderson	8,512	338	712	326	96	392	7,680	344
20	Henry	7,439	251	1,911	289	444	275	5,043	235
21	McNairy	8,548	332	266	422	92	580	8,167	333
22	Weakley	9,038	255	1,422	320	214	382	7,322	237
	Area 3:								
23	Dickson	5,987	350	1,480	382	539	443	3,969	325
24	Hickman	2,567	236	426	266	70	375	2,058	226
25	Houston	1,616	307	503	395	186	524	931	262
26	Humphreys	3,191	242	428	341	356	331	2,407	221
27	Lawrence	12,087	280	1,670	228	203	292	10,131	295
28	Lewis	811	248	77	283	6	400	726	243
29	Perry	1,456	266	388	473	100	400	970	220
30	Stewart	3,006	316	190	226	54	366	2,723	323
31	Wayne	2,808	221	376	282	112	220	2,318	215

TENNESSEE

TONS OF LIME



LEGEND

8 METROPOLITAN STATE ECONOMIC AREA

2 NONMETROPOLITAN STATE ECONOMIC AREA

1 DOT = 500 TONS

Map No. A54-467

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 168,492	*Corn* 255	*Tobacco* 57,297	*Tobacco* 1,236	18,894	684	158,543	340	144,600	1.6	3,215	1
1,653	296	...	...	427	621	7,946	383	2,425	1.9	2,177	2
1,884	210	...	...	1,025	1,127	4,601	272	1,603	0.8	3,480	3
3,098	264	...	...	17	486	8,803	361	5,669	2.5	1,701	4
4,378	262	...	...	1,012	847	9,052	355	1,270	0.5	3,353	5
3,693	284	...	...	110	584	5,699	434	1,921	1.4	2,768	6
2,486	246	...	...	247	688	9,877	392	912	0.4	3,596	7
195	208	...	...	35	609	3,492	286	190	0.3	947	8
2,416	185	...	...	155	381	4,687	250	1,019	0.7	2,797	9
3,274	237	...	...	353	666	7,401	371	1,190	0.7	2,639	10
3,114	234	9	400	11	210	2,284	310	3,795	1.8	3,548	11
2,652	197	...	...	13	520	7,314	284	190	0.1	4,842	12
2,863	264	...	...	634	588	7,860	325	2,980	1.4	2,238	13
1,406	208	...	...	26	612	530	320	565	1.1	2,142	14
3,562	222	...	...	120	500	4,134	353	1,070	0.7	3,000	15
2,169	246	...	...	38	422	2,999	472	405	0.7	2,938	16
1,172	197	...	...	21	365	645	288	529	0.9	4,045	17
1,459	201	...	...	48	149	1,794	361	1,046	1.1	4,141	18
3,080	256	...	...	40	400	4,560	447	1,455	1.2	3,636	19
3,266	204	408	565	109	412	1,260	283	3,407	2.2	3,403	20
3,562	258	...	...	26	578	4,579	428	1,145	1.0	2,052	21
4,398	192	226	747	166	449	2,532	346	4,675	2.3	2,248	22
2,234	245	1,039	919	124	841	572	313	1,020	1.0	3,324	23
1,790	217	82	643	22	629	164	239	400	0.5	3,800	24
620	209	190	920	25	526	96	298	235	0.9	3,745	25
1,864	201	22	1,467	19	844	502	317	665	1.2	2,902	26
3,941	220	182	1,080	474	532	5,534	360	3,155	1.9	2,796	27
521	220	43	989	25	549	137	258	460	2.3	3,387	28
904	216	...	...	8	1,600	58	282	1,029	2.7	3,232	29
1,669	230	964	994	16	762	74	395	355	0.6	3,183	30
1,700	189	...	...	30	545	588	334	815	1.2	4,196	31

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all paature fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tona)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Tennessee—Continued								
	Area 4:								
1	Cheatham	3,824	514	505	360	24	417	3,258	556
2	Montgomery	9,813	380	1,412	353	339	260	8,017	393
3	Robertson	19,650	425	1,420	239	890	306	17,207	461
4	Sumner	7,570	351	1,124	273	374	397	6,071	368
	Area 5:								
5	Bedford	6,652	237	1,478	233	256	220	4,914	240
6	Giles	5,202	260	1,015	359	196	198	3,914	244
7	Lincoln	9,836	334	1,652	276	536	243	7,510	353
8	Marshall	3,585	232	1,006	225	148	188	2,370	237
9	Maury	3,642	233	1,116	213	248	182	2,275	254
10	Moore	1,130	310	176	249	28	700	918	317
11	Rutherford	8,190	262	2,195	238	426	250	5,677	282
12	Smith	2,844	336	337	291	52	335	2,434	344
13	Trousdale	1,762	265	270	163	250	185	1,244	347
14	Williamson	5,022	257	1,396	209	652	229	2,952	304
15	Wilson	3,729	264	980	214	280	332	2,394	277
	Metropolitan Area B:								
16	Davidson	1,934	246	591	216	168	308	1,161	250
	Area 6:								
17	Cannon	2,178	270	590	280	182	334	1,369	254
18	Clay	2,841	328	588	368	147	283	2,099	317
19	Coffee	7,214	310	1,724	277	236	311	5,164	313
20	De Kalb	4,258	349	815	283	194	371	3,181	363
21	Franklin	10,990	370	2,217	359	516	323	8,178	373
22	Jackson	2,640	279	280	203	100	360	2,232	288
23	Macon	5,285	339	966	252	137	386	4,216	372
24	Overton	3,852	312	968	269	198	293	2,623	323
25	Pickett	1,775	436	647	382	48	392	1,083	470
26	Putnam	5,812	334	1,490	286	526	314	3,795	361
27	Warren	8,368	294	2,760	277	391	346	5,208	296
28	White	6,961	358	2,653	339	410	375	3,893	369
	Area 7:								
29	Bledsoe	3,948	371	1,030	313	141	326	2,757	395
30	Cumberland	4,611	490	1,468	393	425	536	2,697	554
31	Fentress	3,281	423	923	343	40	205	2,278	469
32	Grundy	1,238	325	333	400	24	246	865	307
33	Marion	1,830	244	350	194	261	316	1,217	250
34	Morgan	1,584	448	330	286	78	650	1,147	509
35	Scott	944	373	199	347	104	473	635	375
36	Sequatchie	1,578	278	610	245	14	170	941	299
37	Van Buren	928	382	251	360	119	553	559	364
	Area 8a:								
38	Bradley	4,119	331	1,663	347	542	415	1,914	301
39	Campbell	1,848	339	554	214	30	104	1,260	488
40	Loudon	4,618	373	1,648	324	83	291	2,890	418
41	McMinn	6,864	344	2,790	323	678	425	3,290	337
42	Meigs	1,788	315	547	231	26	200	1,204	381
43	Monroe	5,544	352	1,724	314	283	422	3,446	360
44	Polk	1,440	349	467	401	40	333	922	323
45	Rhea	3,156	354	750	289	384	395	1,991	377
46	Roane	2,538	404	1,146	342	82	345	1,284	479
47	Sevier	5,460	404	1,439	311	132	350	3,866	454
48	Union	2,542	560	611	381	36	436	1,885	661
	Metropolitan Area C:								
49	Hamilton	3,586	404	1,248	370	280	443	2,109	432
	Metropolitan Area D:								
50	Anderson	2,114	411	902	359	207	412	1,006	494
51	Blount	7,924	386	3,763	331	406	454	3,696	431
52	Knox	7,376	358	3,930	324	572	295	2,856	441
	Area 8b:								
53	Carter	2,987	477	1,239	365	130	391	1,611	610
54	Claiborne	6,960	579	1,326	335	82	312	5,501	707
55	Cocke	4,117	392	871	290	165	606	3,102	426
56	Grainger	5,402	546	1,620	417	318	458	3,464	652
57	Greene	14,996	398	2,883	292	692	261	11,144	450
58	Hamblen	4,296	376	1,096	352	514	350	2,717	396
59	Hancock	3,461	530	685	394	145	260	2,599	598
60	Hawkins	7,284	460	1,267	371	356	374	5,609	491
61	Jefferson	6,860	388	2,186	337	526	328	4,094	426
62	Johnson	3,624	517	610	280	222	347	2,775	642
63	Sullivan	6,087	390	1,982	334	439	226	3,656	474
64	Unicoi	1,292	533	308	386	70	295	918	666
65	Washington	9,086	376	3,716	330	568	304	4,626	426

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Tobacco*	*Tobacco*								
1,390	356	1,466	1,357	82	1,215	320	394	615	1.0	3,161	1
3,827	267	3,255	965	84	575	851	334	2,075	1.3	3,205	2
6,878	340	5,930	1,232	198	666	3,201	285	3,700	1.8	3,849	3
2,645	261	1,698	824	222	569	1,506	384	2,080	1.2	3,668	4
2,666	225	190	731	18	800	2,040	246	1,390	1.0	2,871	5
1,821	187	165	811	26	650	1,902	316	3,500	1.8	2,297	6
2,754	249	298	666	254	555	4,204	452	2,025	1.0	3,047	7
1,374	215	234	775	20	571	742	227	820	0.9	2,841	8
844	185	799	864	24	600	608	178	5,727	3.0	1,461	9
490	225	242	1,019	18	900	168	365	395	0.9	2,785	10
2,996	242	54	982	23	613	2,604	341	1,365	0.8	3,194	11
1,141	213	1,133	966	30	706	130	264	180	0.2	3,889	12
564	211	663	837	2	400	15	120	180	0.5	3,722	13
1,276	220	898	959	146	1,054	632	221	4,430	2.9	3,382	14
1,478	226	506	1,049	98	530	312	220	590	0.4	3,051	15
464	285	222	1,280	233	337	242	113	1,555	1.7	2,958	16
968	225	110	1,000	24	738	267	281	1,700	2.5	1,841	17
1,325	244	472	1,074	148	738	154	281	240	0.5	5,083	18
3,106	276	80	727	321	747	1,657	351	2,260	2.2	3,701	19
1,940	265	770	1,304	140	927	331	469	1,500	1.8	4,008	20
3,564	307	184	1,132	283	976	4,147	420	2,711	2.2	3,484	21
1,444	212	652	1,153	68	1,283	68	216	440	0.7	3,686	22
2,211	241	1,624	1,275	87	809	294	372	1,204	1.3	4,219	23
1,706	264	293	1,546	338	891	286	261	785	0.9	4,015	24
513	318	370	1,674	89	693	111	326	525	2.2	4,095	25
2,310	273	929	1,430	214	920	342	289	2,380	2.4	4,324	26
3,191	268	214	982	138	642	1,665	317	3,910	2.9	3,862	27
2,768	304	643	1,495	134	940	348	403	1,322	1.4	3,844	28
1,346	301	14	1,400	879	996	518	321	2,106	3.8	4,062	29
1,281	396	132	1,784	1,025	860	259	710	1,143	2.1	7,069	30
910	361	150	1,935	1,107	569	111	358	843	2.0	4,747	31
539	276	4	800	146	695	176	272	521	2.8	3,021	32
986	240	14	1,400	37	698	180	255	450	1.2	3,956	33
654	413	51	1,360	250	641	192	792	1,720	6.5	3,645	34
404	301	10	1,250	213	669	8	291	455	2.4	3,604	35
615	281	...	...	92	511	234	301	620	2.9	3,210	36
386	344	11	2,200	69	627	93	313	395	2.4	4,177	37
1,044	254	222	1,410	106	411	542	295	1,137	1.9	3,967	38
570	298	410	1,802	226	701	54	470	525	1.4	3,238	39
973	323	719	1,490	122	487	1,076	340	1,960	2.4	4,490	40
1,672	275	631	1,127	167	686	820	287	3,145	2.9	3,587	41
608	272	266	1,255	60	659	270	430	210	0.5	3,524	42
1,360	278	798	1,196	282	451	1,006	298	1,870	1.8	3,523	43
485	273	34	2,267	41	432	362	375	540	1.9	3,667	44
1,003	324	52	1,224	435	746	501	321	549	1.1	4,029	45
728	389	314	1,174	82	656	160	383	953	1.7	3,396	46
1,498	296	1,578	1,873	204	868	586	246	2,190	2.2	2,918	47
534	332	1,040	1,698	211	844	100	263	505	1.2	3,208	48
919	305	4	1,600	692	809	494	488	880	1.5	341	49
554	349	233	1,983	144	860	75	462	570	1.3	3,561	50
1,402	302	648	1,726	212	912	1,434	430	6,174	6.0	2,603	51
1,080	361	676	1,774	428	565	672	286	2,535	2.3	4,165	52
657	469	425	1,223	356	705	173	449	800	2.1	2,762	53
2,002	433	2,622	1,924	334	1,012	543	371	550	0.7	4,091	54
1,145	248	1,416	1,404	78	525	463	308	656	0.7	2,756	55
984	350	1,832	1,767	225	657	423	375	1,540	2.1	3,682	56
3,810	301	4,470	1,348	208	778	2,656	311	3,190	1.5	4,019	57
962	245	995	1,337	73	512	687	335	1,380	2.3	4,152	58
1,018	342	1,370	1,671	66	506	145	341	698	1.6	3,510	59
2,172	325	2,136	1,381	236	882	1,065	364	1,260	1.4	2,643	60
1,321	298	1,312	1,379	354	806	1,107	293	1,976	2.2	4,441	61
812	456	1,076	1,443	418	609	469	421	615	1.5	2,829	62
1,507	328	1,274	1,449	123	895	752	359	1,880	2.1	3,027	63
308	438	416	1,353	139	625	55	379	495	4.6	3,374	64
1,566	304	1,683	1,297	216	636	1,161	285	2,365	2.0	3,340	65

TEXAS

TONS OF FERTILIZER

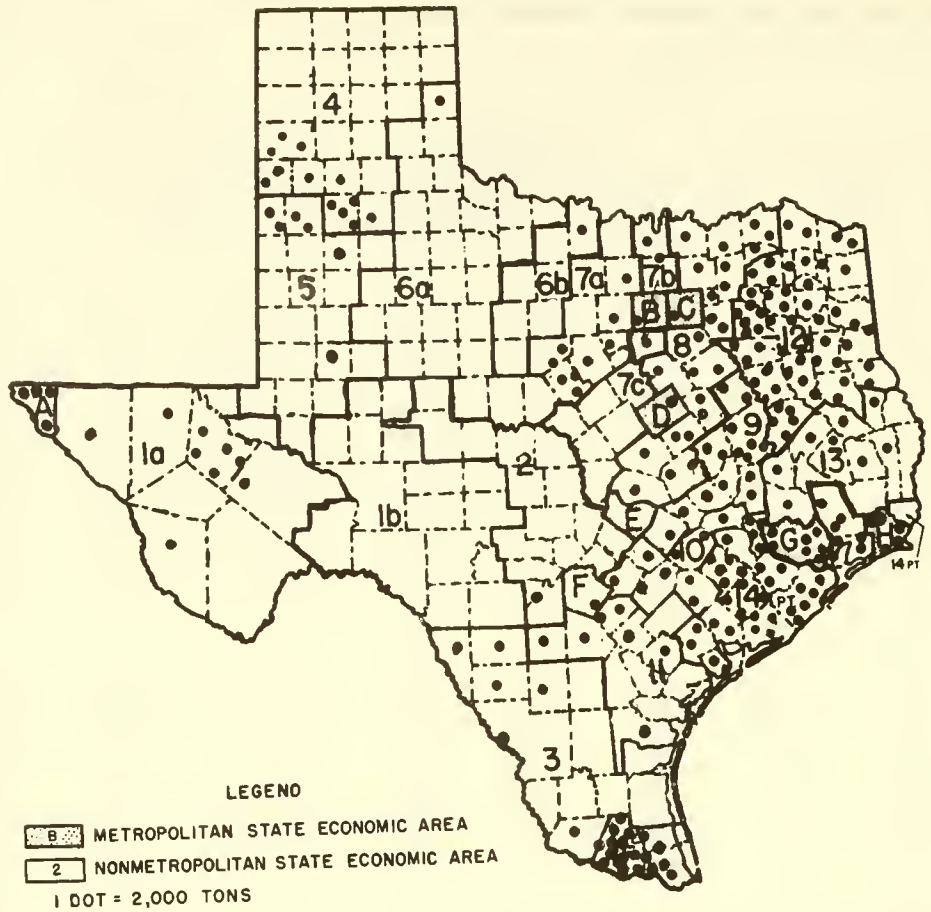
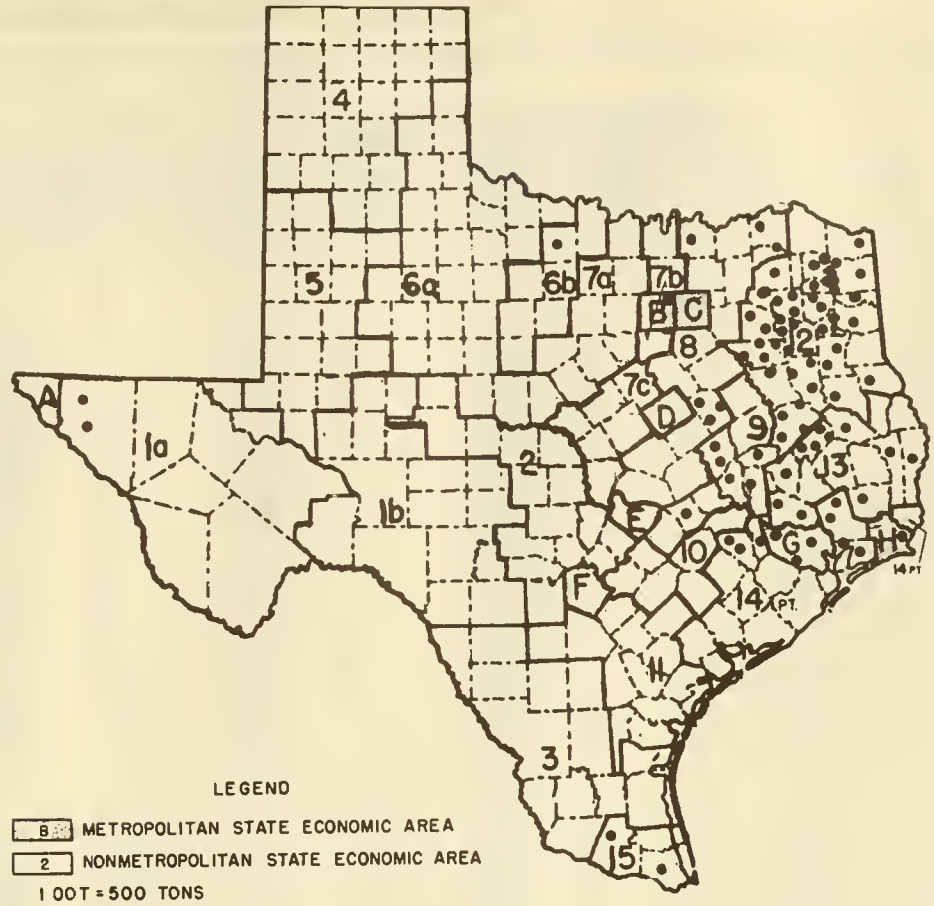


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Texas, total	491,294	215	86,562	208	30,968	202	371,963	217
	Area 1a:								
2	Brewster	12	161	2	200	...	...	10	155
3	Culberson	1,088	383	12	38	...	...	1,077	426
4	Hudspeth	2,084	225	508	208	...	...	1,577	230
5	Jeff Davis	479	345	6	109	...	...	473	355
6	Loving	...	...	...	...	...	...	...	...
7	Pecos	1,961	256	471	273	...	...	1,488	250
8	Presidio	1,400	341	159	323	11	185	1,227	345
9	Reeves	9,079	309	406	226	2	70	8,669	314
10	Ward	314	266	220	303	2	160	92	209
	Metropolitan Area A:								
11	El Paso	7,018	347	2,238	349	...	...	4,716	342
	Area 1b:								
12	Crockett	2	80	...	...	...	...	2	80
13	Edwards	44	530	36	507	...	...	8	667
14	Glascock	138	267	2	267	...	...	136	267
15	Irion	18	327	12	320	...	...	5	286
16	Kimble	61	255	20	209	...	...	41	285
17	Kinney	16	194	6	185	...	...	10	200
18	Menard	226	202	70	383	...	...	156	166
19	Reagan	...	...	...	...	...	...	...	...
20	Real	29	175	11	159	...	...	18	186
21	Schleicher	15	100	5	67	...	...	10	133
22	Sterling	...	...	...	...	...	...	...	...
23	Sutton	4	320	4	320	...	...	...	...
24	Terrell	...	...	...	...	...	...	...	...
25	Upton	23	232	...	...	...	...	23	232
26	Uvalde	492	153	68	130	10	27	413	177
27	Val Verde	107	319	95	463	...	...	12	92



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 57,175	*Corn* 220	*Cotton* 108,413	*Cotton* 218	56,008	347	150,367	190	48,164	0.1	1,799	1
...	...	8	145	2	211	...	...	...	...	...	2
...	...	625	379	...	...	452	515	280	2.5	100	3
...	...	1,548	235	...	...	29	100	300	0.7	6,667	4
...	...	465	361	...	...	8	178	...	...	...	5
...	...	...	...	...	...	...	...	...	...	...	6
...	...	1,384	244	...	...	104	364	...	...	...	7
...	...	899	371	318	304	10	114	...	...	...	8
...	...	7,856	309	70	737	743	354	...	...	...	9
...	...	85	212	...	...	7	177	...	...	...	10
22	242	4,490	341	122	458	82	315	...	...	...	11
...	...	...	...	...	...	2	80	...	...	...	12
...	...	...	...	6	1,000	2	333	...	...	...	13
...	...	132	267	...	...	4	267	...	...	...	14
...	...	...	...	...	...	5	286	...	...	...	15
...	...	...	...	...	...	41	285	...	...	...	16
...	...	...	...	...	...	10	200	...	...	...	17
38	608	...	...	1	400	117	134	125	0.4	2,000	18
...	...	...	...	...	...	...	...	...	...	...	19
2	182	...	...	...	...	16	186	...	...	...	20
...	...	...	...	...	...	10	133	...	...	...	21
...	...	...	...	...	...	...	...	...	...	...	22
...	...	...	...	...	...	...	...	...	...	...	23
...	...	...	...	...	...	...	...	...	...	...	24
...	...	...	...	...	...	23	232	...	...	...	25
5	200	82	285	180	198	146	132	...	...	...	26
...	...	...	...	...	...	12	92	...	...	...	27

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Texas—Continued								
	Area 2:								
1	Bandera	516	212	326	201	2	148	176	222
2	Blanco	374	150	143	152	20	133	210	150
3	Coke	10	99	10	114	...	...	...	...
4	Comal	276	245	164	328	2	80	108	179
5	Concho	8	68	8	68	...	...	...	...
6	Gillespie	806	130	209	112	32	284	563	132
7	Hays	495	162	307	171	2	167	184	147
8	Kendall	200	149	50	189	32	109	119	151
9	Kerr	383	172	244	168	...	...	137	178
10	Llano	78	128	44	130	7	149	27	121
11	McCulloch	84	127	34	149	2	133	49	117
12	Mason	329	97	74	102	6	89	249	96
13	Medina	1,204	162	413	176	22	105	768	158
14	San Saba	694	131	143	138	9	189	541	129
15	Tom Green	268	274	109	395	...	...	159	227
	Area 3:								
16	Brooks	302	156	46	280	...	...	256	145
17	Dimmit	2,662	360	106	107	24	178	2,531	404
18	Duval	359	114	114	110	27	154	218	112
19	Jim Hogg	80	99	42	109	10	100	29	91
20	Kenedy	8	133	4	145	...	...	4	123
21	Kleberg	514	187	82	184	10	100	421	194
22	La Salle	1,018	136	556	150	90	118	367	124
23	McMullen	3	52	...	...	...	...	2	38
24	Maverick	2,383	363	893	359	...	...	1,492	366
25	Starr	1,165	359	20	160	1	29	1,143	371
26	Webb	1,458	503	49	146	...	...	1,408	550
27	Zapata	807	453	20	320	...	...	787	458
28	Zavala	1,771	245	104	114	...	...	1,677	263
	Area 4:								
29	Armstrong	18	80	6	109	...	...	12	71
30	Briscoe	427	199	24	322	...	...	403	195
31	Carson	5	100	...	...	...	...	5	100
32	Castro	2,944	154	66	160	22	102	2,847	153
33	Dallam	253	76	...	...	1	133	252	76
34	Deaf Smith	5,137	208	150	204	25	222	4,918	209
35	Floyd	1,254	128	205	170	4	186	1,045	121
36	Gray	186	91	7	200	...	...	179	89
37	Hale	7,416	196	591	334	10	88	6,805	190
38	Hansford	138	149	2	267	...	...	136	148
39	Hartley	15	53	...	...	...	...	15	53
40	Hemphill	132	62	14	80	...	...	117	60
41	Hutchinson	44	223	5	200	...	...	39	226
42	Lipscomb	43	65	18	41	2	73	23	117
43	Moore	293	108	1	333	...	...	292	108
44	Ochiltree	48	207	7	175	...	...	41	214
45	Oldham	125	134	...	...	...	...	120	129
46	Parmer	3,760	196	64	205	5	400	3,689	195
47	Potter	60	63	...	...	...	...	60	63
48	Randall	742	130	18	129	12	192	711	130
49	Roberts	21	168	21	168	...	...	...	...
50	Sherman	21	111	...	...	...	...	21	111
51	Swisher	2,107	97	29	119	4	471	2,070	95
	Area 5:								
52	Andrews	29	299	...	...	...	...	29	299
53	Bailey	3,578	389	1,568	435	2	160	2,009	356
54	Cochran	326	385	80	604	...	...	246	344
55	Crane	...	...	...	...	...	...	...	...
56	Crosby	126	402	...	...	...	...	126	410
57	Dawson	280	157	...	...	...	...	281	157
58	Ector	73	562	3	100	...	...	70	700
59	Gaines	908	206	201	244	...	...	708	198
60	Hockley	504	163	46	198	11	183	446	159
61	Howard	22	90	2	44	...	...	20	100
62	Lamb	4,398	274	1,324	396	12	80	3,057	246
63	Lubbock	2,130	284	138	253	28	295	1,965	286
64	Lynn	26	89	...	...	2	133	24	86
65	Martin	1,526	356	...	...	...	...	1,526	356
66	Midland	612	213	...	...	...	...	612	213
67	Terry	791	191	40	209	4	93	747	191
68	Winkler	...	...	...	...	...	...	...	...
69	Yoakum	91	208	28	232	...	...	63	199
	Area 6a:								
70	Baylor	214	153	54	144	16	168	144	154
71	Borden	...	...	...	...	...	...	...	...
72	Brown	877	189	146	152	31	99	701	212
73	Childress	24	74	20	70	...	...	4	107
74	Coleman	64	183	1	57	10	400	54	175
75	Collingsworth	427	57	71	90	...	...	354	52
76	Cottle	535	339	...	...	...	...	535	339
77	Dickens	52	87	2	133	...	...	50	86
78	Donley	342	82	42	247	70	65	233	79
79	Fisher	12	176	12	200	...	...	...	...
80	Foard	202	214	192	229	...	...	10	95
81	Garza	57	78	5	200	...	...	52	73
82	Hall	42	53	3	71	...	...	39	52
83	Hardeman	230	166	3	50	84	132	142	205
84	Haskell	222	128	62	248	4	200	157	108
85	Jones	213	185	9	90	...	...	204	194
86	Kent	...	...	...	...	...	...	...	...
87	King	...	...	...	...	...	...	...	...
88	Knox	78	110	54	206	...	...	25	56
89	Mitchell	19	115	2	200	...	...	17	110

Z 0.05 percent or less.

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Cotton*	*Cotton*								
...	...	...	...	...	...	176	222	...	...	...	1
6	99	...	...	8	213	196	151	...	...	...	2
...	...	...	...	...	...	...	...	...	...	...	3
34	197	...	...	...	...	74	172	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	5
20	172	18	95	71	299	454	122	...	...	...	6
19	121	24	106	...	...	141	162	...	...	...	7
...	...	...	...	8	533	111	144	5	(Z)	2,000	8
2	100	...	...	8	258	127	177	...	...	...	9
2	364	...	...	...	...	25	115	...	...	...	10
8	198	8	119	...	...	33	106	...	...	...	11
...	...	49	106	2	133	198	93	...	...	...	12
93	119	32	155	48	259	595	161	250	0.1	160	13
4	400	114	167	28	122	395	121	...	...	...	14
...	...	100	221	52	285	7	104	...	...	...	15
3	182	38	150	20	154	195	143	...	...	...	16
2	250	74	155	2,428	426	27	360	...	...	...	17
24	112	44	72	88	111	62	191	...	...	...	18
...	...	7	64	1	133	21	106	...	...	...	19
...	...	...	...	...	...	4	123	...	...	...	20
...	...	90	167	277	204	54	193	...	...	...	21
28	329	103	105	74	168	162	112	...	...	...	22
...	...	...	...	...	...	2	42	...	...	...	23
39	108	1,037	468	324	240	92	609	...	...	...	24
3	100	252	195	866	528	22	187	...	...	...	25
10	250	93	301	1,303	599	2	53	...	...	...	26
1	133	132	253	654	550	...	...	...	...	...	27
42	102	66	126	1,403	354	166	113	...	...	...	28
...	...	1	33	...	...	11	79	...	...	...	29
8	320	204	353	...	...	191	130	...	...	...	30
...	...	...	...	...	...	5	100	...	...	...	31
104	254	493	195	207	346	2,043	136	...	...	...	32
34	96	...	...	...	...	218	73	...	...	...	33
128	216	101	199	1,020	454	3,669	182	70	(Z)	6,000	34
49	131	424	168	...	...	572	100	...	...	...	35
2	267	132	87	1	200	44	91	...	...	...	36
76	150	2,356	263	141	266	4,232	164	...	...	...	37
...	...	8	107	...	...	128	151	...	...	...	38
...	...	...	...	...	...	15	53	...	...	...	39
3	67	34	120	...	...	80	49	...	...	...	40
...	...	...	...	...	...	39	226	...	...	...	41
...	...	...	...	...	...	23	117	...	...	...	42
21	94	...	...	...	...	271	109	...	...	...	43
...	...	...	...	1	500	40	211	...	...	..	44
...	...	...	...	...	...	120	129	...	...	...	45
...	...	642	258	200	419	2,847	178	...	...	...	46
. .	...	...	...	...	...	60	63	...	...	...	47
7	68	..	...	25	625	679	127	...	...	...	48
...	...	...	...	...	...	...	...	...	...	...	49
...	...	...	...	...	...	21	111	...	...	...	50
5	71	391	128	60	299	1,614	88	150	(Z)	2,000	51
...	...	19	404	...	...	10	200	...	...	...	52
21	250	1,270	338	228	644	490	339	...	...	...	53
...	...	198	438	...	...	48	183	...	...	...	54
...	...	...	...	...	...	...	...	...	...	...	55
...	...	126	410	...	...	...	...	...	...	...	56
2	160	277	157	...	...	2	133	...	...	...	57
...	...	70	700	...	...	...	...	...	...	...	58
...	...	700	197	4	533	4	148	...	...	...	59
6	300	388	156	...	...	52	172	...	...	...	60
...	...	20	100	...	...	...	...	...	...	...	61
4	40	2,156	283	264	433	633	155	...	...	...	62
...	...	1,882	300	15	400	68	125	...	...	...	63
...	...	14	67	...	...	10	148	10	(Z)	2,000	64
...	...	1,496	368	...	...	30	141	...	...	...	65
...	...	612	213	...	...	...	...	...	...	...	66
...	...	460	174	...	...	287	225	40	(Z)	2,000	67
...	...	...	...	...	...	...	...	...	...	...	68
...	...	48	184	...	...	15	268	...	...	...	69
...	...	23	219	...	...	121	146	...	...	...	70
...	...	...	...	...	...	...	...	...	...	...	71
11	176	70	418	79	832	541	181	...	...	...	72
...	...	4	107	...	...	...	...	...	...	...	73
...	...	...	...	...	...	54	175	...	...	...	74
...	...	246	52	...	...	108	54	...	...	...	75
...	...	460	402	...	...	75	172	...	...	...	76
5	50	44	95	...	...	1	50	...	...	...	77
...	...	188	78	10	100	35	81	...	...	...	78
...	...	...	...	...	...	...	...	...	...	...	79
...	...	...	...	...	...	10	95	...	...	...	80
...	...	...	...	...	...	52	73	...	...	...	81
...	...	37	51	...	...	2	80	...	...	...	82
...	...	2	33	...	...	140	222	...	...	...	83
...	...	119	101	...	...	38	137	...	...	...	84
...	...	93	152	40	195	71	297	...	...	...	85
...	...	...	...	...	...	...	...	...	...	...	86
...	...	...	...	...	...	...	...	...	...	...	87
...	...	5	32	...	...	20	69	...	...	...	88
...	...	9	73	...	...	8	254	...	...	...	89

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Texas—Continued								
	Area 6a—Continued								
1	Motley	67	42	4	26	...	...	63	44
2	Nolan	147	474	...	...	...	...	147	474
3	Runnels	97	282	2	200	...	...	95	285
4	Scurry	1	400	...	...	...	...	1	400
5	Stonewall	58	80	10	133	...	...	49	76
6	Taylor	34	101	10	53	...	...	24	160
7	Wheeler	1,008	79	103	138	68	53	830	78
8	Wichita	710	114	328	166	42	231	339	83
9	Wilbarger	862	214	643	266	...	...	219	135
	Area 6b:								
10	Archer	486	114	392	107	...	...	94	157
11	Callahan	695	176	209	177	23	128	453	178
12	Clay	1,035	171	242	164	41	529	752	167
13	Shackelford	28	117	8	123	15	100	5	200
14	Stephens	70	139	6	109	...	...	65	146
15	Throckmorton	51	158	25	167	...	...	26	151
16	Young	182	119	32	118	24	95	126	124
	Area 7a:								
17	Comanche	5,303	131	923	139	65	172	4,267	126
18	Eastland	3,049	112	349	105	22	28	2,671	115
19	Erath	2,056	132	812	139	5	111	1,211	128
20	Hood	1,484	175	299	155	13	141	1,163	180
21	Jack	570	185	199	201	25	167	346	178
22	Montague	950	149	357	153	86	72	508	181
23	Palo Pinto	369	164	116	175	31	376	218	146
24	Parker	1,231	170	484	161	96	168	651	177
25	Somervell	370	143	106	134	3	150	257	145
26	Wise	1,461	186	499	143	64	137	874	227
	Area 7b:								
27	Cooke	2,533	184	765	164	204	179	1,518	192
28	Denton	1,890	128	669	141	140	167	1,080	118
29	Johnson	1,366	168	471	160	80	168	816	169
	Metropolitan Area B:								
30	Tarrant	1,811	221	950	223	139	131	709	245
	Area 7c:								
31	Bosque	896	138	286	176	27	142	580	123
32	Burnet	277	94	120	160	...	...	157	71
33	Coryell	351	134	108	116	...	...	239	142
34	Hamilton	170	126	87	141	...	...	83	116
35	Lampasas	225	132	105	135	6	98	110	128
36	Mills	166	121	53	183	...	...	114	106
	Area 8:								
37	Bell	1,374	174	400	221	2	133	956	160
38	Collin	2,376	191	1,076	218	282	188	1,020	171
39	Delta	1,137	182	286	248	78	246	773	162
40	Ellis	1,404	170	692	163	168	119	545	212
41	Falls	4,140	205	900	225	368	205	2,849	202
42	Fannin	2,847	213	877	234	455	250	1,491	191
43	Grayson	2,132	192	815	207	246	191	1,051	181
44	Hill	1,320	153	326	157	62	149	923	150
45	Hunt	3,977	195	866	187	260	184	2,820	193
46	Kaufman	3,959	190	1,664	185	468	223	1,788	183
47	Lamar	4,418	197	1,030	229	652	200	2,719	184
48	Limestone	4,580	187	710	208	316	280	3,513	175
49	Milam	3,380	211	834	179	128	156	2,474	238
50	Navarro	3,006	191	1,207	182	120	118	1,646	210
51	Rockwall	880	173	126	179	58	219	692	167
52	Williamson	1,422	156	207	125	40	140	1,175	163
	Metropolitan Area C:								
53	Dallas	1,204	233	377	216	151	219	675	247
	Metropolitan Area D:								
54	McLennan	2,267	156	714	148	97	119	1,444	163
	Metropolitan Area E:								
55	Travis	900	175	411	163	12	94	478	193
	Area 9:								
56	Bastrop	1,849	189	384	198	47	208	1,412	188
57	Brazos	2,629	220	605	227	584	226	1,404	210
58	Burleson	2,450	195	505	296	106	203	1,844	177
59	Freestone	4,601	194	661	216	563	232	3,357	185
60	Grimes	4,760	238	870	249	906	246	2,943	230
61	Lee	2,318	162	268	158	120	134	1,910	166
62	Leon	5,024	261	537	222	390	237	4,107	271
63	Madison	4,246	207	1,015	183	1,286	188	1,939	243
64	Robertson	4,379	241	708	234	429	294	3,196	235
	Area 10:								
65	Caldwell	1,683	166	504	194	69	207	1,106	151
66	Fayette	3,601	249	786	233	364	243	2,406	249
67	Gonzales	3,433	182	620	212	92	127	2,717	179
68	Guadalupe	2,318	168	415	167	246	143	1,680	176
69	Lavaca	4,210	222	571	176	256	175	3,366	232
70	Washington	2,172	222	560	228	268	145	1,323	236

Z 0.05 percent or less.

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Cotton*	*Cotton*								
...	...	62	44	...	...	1	133	...	...	...	1
...	...	147	474	...	...	...	...	...	...	...	2
...	...	50	637	1	400	44	174	...	...	...	3
...	...	...	...	...	...	1	400	...	...	...	4
1	400	22	49	...	...	26	132	...	...	...	5
...	...	...	...	...	...	24	160	...	...	...	6
...	...	579	85	14	207	237	62	...	...	...	7
...	...	17	178	2	133	320	81	...	...	...	8
...	...	49	147	5	27	165	150	...	...	...	9
...	...	...	...	...	...	94	157	700	0.5	2,143	10
1	400	29	145	21	350	402	176	...	...	...	11
17	170	120	171	16	152	599	166	...	...	...	12
...	...	...	...	...	...	5	200	...	...	...	13
1	400	1	200	...	...	63	144	...	...	...	14
...	...	...	...	...	...	26	151	...	...	...	15
1	48	6	109	6	160	113	125	...	...	...	16
66	156	353	130	223	169	3,625	123	100	(Z)	200	17
34	118	162	132	7	255	2,468	113	...	...	...	18
59	122	126	164	6	400	1,020	125	...	...	...	19
81	154	93	138	26	135	963	191	...	...	...	20
...	...	57	164	3	86	286	183	...	...	...	21
14	141	18	195	90	248	386	171	...	...	...	22
21	98	52	180	1	100	144	147	...	...	...	23
105	198	20	286	136	172	390	171	120	0.1	2,083	24
50	147	30	135	...	...	177	147	...	...	...	25
29	155	48	131	448	361	349	170	400	0.3	1,225	26
112	183	70	369	28	233	1,308	187	160	0.1	1,000	27
67	147	100	161	16	256	897	112	75	(Z)	1,200	28
66	187	66	217	28	184	656	164	69	(Z)	638	29
36	240	25	185	234	288	414	231	250	0.1	2,600	30
84	214	55	128	...	...	441	113	...	...	...	31
2	143	25	156	...	...	130	64	150	0.1	333	32
6	150	10	98	1	400	222	144	...	...	...	33
12	112	...	...	...	...	71	116	...	...	...	34
16	85	20	133	3	240	71	139	...	...	...	35
13	182	10	80	...	...	91	103	40	(Z)	2,000	36
98	225	312	175	4	400	542	145	325	0.1	215	37
153	137	198	179	91	183	578	177	100	(Z)	1,100	38
92	181	470	144	...	...	211	212	550	0.5	545	39
26	144	130	226	1	400	388	214	...	...	...	40
566	169	1,175	185	486	461	622	186	870	0.3	184	41
214	170	496	157	33	307	748	227	115	(Z)	783	42
188	196	181	184	8	400	674	175	440	0.2	1,205	43
87	125	330	157	1	400	505	150	...	...	...	44
150	153	776	140	21	168	1,873	236	260	0.1	1,269	45
290	195	378	127	18	400	1,102	210	440	0.2	364	46
574	243	1,416	153	173	524	556	200	860	0.3	1,886	47
896	188	1,889	161	259	248	469	185	1,625	0.7	1,797	48
392	191	480	181	904	488	698	183	110	(Z)	3,273	49
179	167	828	174	2	308	637	322	125	(Z)	1,984	50
38	111	57	52	...	...	597	221	...	...	...	51
117	188	370	158	38	124	650	165	...	...	...	52
69	134	58	301	100	909	448	235	50	(Z)	400	53
227	183	360	150	163	456	694	143	230	0.1	2,000	54
74	213	42	163	18	248	344	191	...	...	...	55
632	187	286	184	174	242	320	173	90	0.1	444	56
592	235	376	176	31	221	405	212	2,375	2.1	303	57
528	188	734	164	146	304	436	164	...	...	...	58
1,260	191	1,542	180	79	292	476	176	...	...	...	59
828	208	1,402	214	345	467	368	241	355	0.3	2,000	60
742	163	343	171	141	262	684	154	250	0.3	2,248	61
1,553	259	909	248	1,115	350	530	230	172	0.1	2,349	62
946	227	720	226	46	250	227	504	635	0.7	1,972	63
1,113	243	875	160	879	441	329	209	1,060	0.5	2,000	64
278	147	384	159	132	203	312	131	...	...	...	65
780	210	889	278	34	358	703	264	285	0.2	561	66
670	137	484	231	640	153	923	229	...	...	...	67
515	165	149	163	201	160	815	191	...	...	...	68
849	202	1,005	226	469	578	1,043	208	110	0.1	1,909	69
343	206	450	255	10	1,176	520	241	...	...	...	70

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Texas—Continued								
	Area 11:								
1	Aransas	25	556	...	...	...	...	25	556
2	Atascosa	2,460	128	712	117	102	139	1,647	133
3	Bee	764	118	159	76	2	114	605	140
4	De Witt	2,096	168	452	145	36	212	1,595	172
5	Frio	2,373	149	921	129	112	107	1,342	172
6	Goliad	1,067	125	407	146	12	73	640	115
7	Jim Wells	1,039	146	362	156	5	167	672	143
8	Karnes	1,590	122	428	122	131	157	1,015	118
9	Live Oak	391	113	110	104	18	131	264	117
10	Refugio	551	290	34	126	7	117	498	317
11	San Patricio	981	156	132	130	14	86	835	164
12	Wilson	3,418	134	744	159	121	122	2,550	130
13	Nueces	452	206	26	242	5	100	418	205
	Metropolitan Area F:								
14	Bexar	2,573	197	1,238	242	54	79	1,277	180
	Area 12:								
15	Anderson	6,808	251	1,509	293	1,044	230	4,274	249
16	Bowie	4,322	252	1,196	248	504	170	2,612	285
17	Camp	1,992	320	360	294	45	600	1,580	325
18	Cass	2,969	271	273	229	176	257	2,516	278
19	Cherokee	8,749	324	1,535	293	571	250	6,650	342
20	Franklin	1,628	260	385	209	183	336	1,053	272
21	Gregg	1,254	220	433	192	322	206	496	263
22	Harrison	3,884	263	980	277	348	381	2,548	247
23	Henderson	5,319	228	762	202	981	179	3,569	257
24	Hopkins	5,180	224	1,506	222	442	215	3,227	227
25	Houston	9,109	254	1,682	292	1,015	170	6,401	268
26	Marion	894	255	258	381	118	188	518	238
27	Morris	1,275	326	434	316	142	288	694	339
28	Nacogdoches	4,162	303	825	266	928	294	2,359	314
29	Panola	4,231	280	931	210	360	317	2,955	315
30	Raine	1,562	252	224	336	122	240	1,217	246
31	Red River	4,422	211	882	266	414	144	3,095	211
32	Rusk	6,008	269	1,286	275	848	280	3,880	270
33	Shelby	3,792	286	850	245	372	352	2,480	289
34	Smith	8,506	285	1,446	237	1,284	211	5,617	332
35	Titus	2,650	290	412	293	388	305	1,840	285
36	Upshur	2,000	286	472	274	234	310	1,275	277
37	Van Zandt	11,285	268	2,254	228	1,025	216	7,927	288
38	Wood	6,016	327	871	235	741	238	4,342	373
	Area 13:								
39	Angelina	1,819	209	502	213	338	145	1,004	254
40	Hardin	787	280	129	250	14	175	639	289
41	Jasper	1,404	290	454	333	94	151	850	302
42	Montgomery	1,452	338	407	334	392	321	643	342
43	Newton	797	355	344	384	28	386	426	335
44	Polk	1,145	215	368	232	137	176	625	213
45	Sabine	905	265	92	226	70	206	732	273
46	San Augustine	1,898	233	225	173	76	238	1,584	241
47	San Jacinto	870	290	340	298	38	262	496	292
48	Trinity	2,148	247	410	196	72	365	1,666	257
49	Tyler	1,306	333	475	448	146	245	664	296
50	Walker	1,587	203	356	224	486	178	746	214
	Area 14:								
51	Austin	2,561	237	330	253	547	231	1,673	234
52	Brazoria	11,677	202	709	285	673	226	10,293	196
53	Calhoun	1,660	201	28	204	30	71	1,591	208
54	Chambers	8,066	241	226	140	126	113	7,732	252
55	Colorado	9,355	212	441	285	342	245	8,546	209
56	Fort Bend	5,083	239	445	270	114	272	4,519	236
57	Galveston	1,102	261	184	248	104	227	814	269
58	Jackson	4,329	197	599	203	357	218	3,348	191
59	Liberty	5,826	221	463	233	48	86	5,315	223
60	Matagorda	7,883	260	164	197	148	147	7,570	266
61	Orange	792	160	174	363	15	200	604	137
62	Victoria	1,929	208	521	194	44	186	1,365	212
63	Waller	5,416	243	622	238	388	324	4,406	242
64	Wharton	7,641	181	445	208	60	176	7,031	176
	Metropolitan Area G:								
65	Harris	11,464	240	1,245	219	701	282	9,445	237
	Metropolitan Area H:								
66	Jefferson	10,907	220	536	256	278	166	10,068	220
	Area 15:								
67	Cameron	9,116	248	494	243	134	329	8,547	245
68	Hidalgo	24,900	280	965	196	152	306	23,613	283
69	Willacy	2,133	208	78	26	...	...	2,060	290

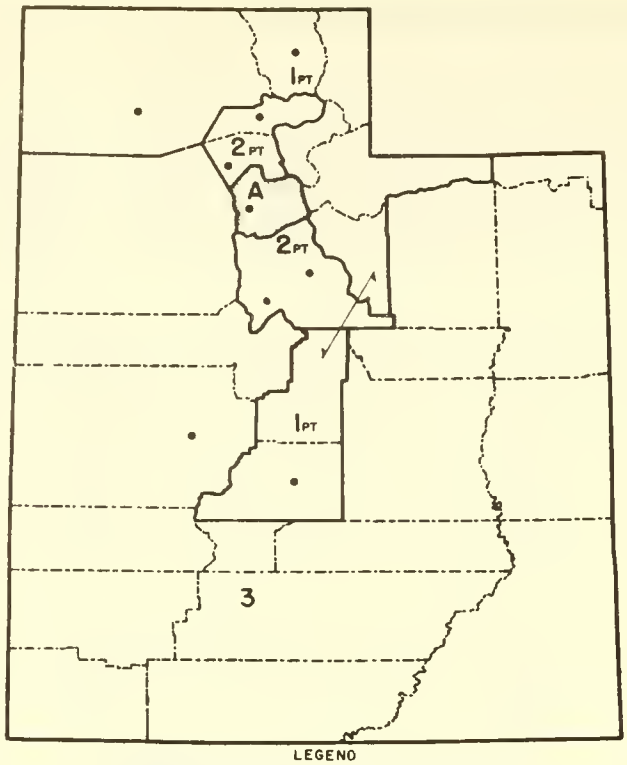
Z 0.05 percent or less.

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn		*Cotton*									
...	...	...	...	25	556	...	...	...	...	...	1
188	139	148	114	534	154	777	125	...	...	...	2
87	125	110	141	78	95	330	163	...	...	...	3
782	148	298	178	129	512	386	184	50	(Z)	200	4
299	171	294	151	433	264	316	127	60	(Z)	100	5
452	103	107	166	...	...	81	157	...	...	...	6
11	157	84	170	389	142	188	134	...	...	...	7
441	113	186	138	28	175	360	111	60	(Z)	1,667	8
5	200	111	125	46	90	102	124	...	...	...	9
...	...	40	128	2	400	456	364	...	...	...	10
37	206	342	160	232	256	224	120	...	...	...	11
600	138	61	152	746	137	1,143	121	...	...	...	12
8	291	118	147	72	196	220	261	...	...	...	13
246	126	8	178	404	354	619	156	...	...	...	14
1,712	243	779	215	849	420	934	208	726	0.4	1,565	15
1,105	327	793	256	245	654	469	202	570	0.4	1,298	16
606	312	238	258	536	418	200	280	629	2.5	1,323	17
1,026	261	803	246	338	473	349	307	434	0.4	1,465	18
2,056	267	1,411	251	2,584	546	599	425	1,518	0.9	2,165	19
431	300	297	203	92	526	233	295	290	0.7	1,207	20
102	196	154	210	103	548	137	311	825	2.7	1,879	21
792	249	1,337	229	171	355	248	293	725	0.5	1,297	22
1,471	246	599	204	1,168	356	331	198	1,825	1.2	2,296	23
1,052	236	1,235	194	248	428	692	244	935	0.5	1,594	24
1,688	249	2,688	245	770	376	1,255	305	1,695	0.7	2,250	25
155	236	180	290	27	400	156	187	430	1.2	1,581	26
262	364	162	278	148	470	122	285	2,770	5.7	2,108	27
940	291	613	282	354	395	452	372	400	0.3	2,275	28
949	288	1,292	285	459	548	255	359	70	0.1	2,286	29
378	254	371	170	270	555	198	247	296	0.7	2,047	30
838	240	1,728	185	237	516	292	205	210	0.1	1,819	31
1,334	263	1,400	235	895	359	251	294	930	0.5	1,860	32
948	271	910	251	462	469	160	346	557	0.7	1,828	33
1,715	297	712	259	1,606	364	1,584	398	1,130	0.6	3,779	34
813	246	327	231	133	638	567	371	335	0.5	1,552	35
520	261	236	213	185	374	334	331	854	0.9	2,506	36
2,454	273	1,368	203	3,336	432	769	190	1,141	0.5	1,793	37
1,381	276	352	262	1,990	526	619	410	1,800	1.5	1,717	38
398	270	416	212	110	410	80	314	226	0.4	3,894	39
169	342	...	...	59	504	411	256	215	0.8	3,302	40
452	262	49	338	91	444	258	352	295	1.1	2,000	41
228	317	96	263	55	418	264	397	1,013	1.7	1,964	42
290	330	28	361	56	386	52	310	280	1.6	2,607	43
276	248	200	173	80	378	69	152	120	0.3	1,000	44
283	241	303	295	77	636	69	194	110	0.3	3,636	45
468	215	1,006	250	55	372	55	242	215	0.4	2,093	46
228	275	130	234	72	474	66	400	225	0.8	2,000	47
700	250	626	273	22	352	318	238	1,850	4.3	1,995	48
516	300	42	240	66	398	40	224	120	0.4	1,167	49
194	241	410	200	42	310	100	202	235	0.4	2,170	50
629	207	376	230	58	197	610	281	1,135	1.1	2,009	51
183	176	458	131	110	188	9,542	201	71	(Z)	986	52
30	133	564	230	5	200	992	200	...	...	...	53
46	190	...	...	29	439	7,657	252	505	0.3	3,339	54
823	201	105	199	83	494	7,535	209	140	0.1	714	55
393	235	1,403	217	101	323	2,622	245	85	(Z)	2,941	56
24	282	...	...	194	636	596	226	...	...	...	57
276	215	436	226	92	508	2,544	180	10	(Z)	2,000	58
368	228	318	243	40	335	4,589	221	1,083	0.6	2,013	59
119	180	399	119	1	100	7,051	289	...	...	...	60
8	356	...	...	20	571	576	132	170	0.6	1,118	61
280	169	319	242	6	267	760	221	...	...	...	62
1,694	234	101	159	194	270	2,417	251	560	0.6	1,786	63
342	167	1,822	163	66	138	4,801	183	...	...	...	64
1,212	232	124	189	661	443	7,448	229	2,070	0.7	1,498	65
2	111	...	...	31	194	10,035	221	390	0.2	2,282	66
143	295	5,100	210	2,900	329	404	329	400	0.1	1,400	67
660	239	11,833	254	10,796	326	324	287	550	0.1	1,691	68
11	220	1,264	232	778	496	7	165	100	(Z)	2,000	69

UTAH

TONS OF FERTILIZER



LEGEND

A METROPOLITAN STATE ECONOMIC AREA

2 NONMETROPOLITAN STATE ECONOMIC AREA

1 DOT = 2,000 TONS

Map No. A54-470

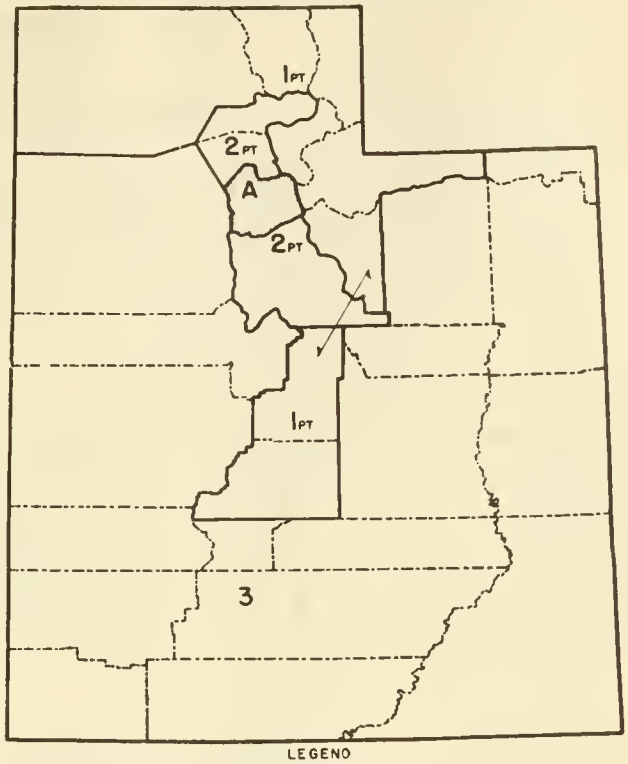
Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Utah, total	21,448	258	5,976	217	659	178	14,715	282
	Area 1:								
2	Box Elder	2,780	230	519	182	77	262	2,179	241
3	Cache	2,043	181	275	166	68	86	1,688	189
4	Morgan	32	234	16	296	2	267	14	185
5	Rich	8	213	8	213	...	...	...	...
6	Sanpete	384	174	201	153	20	80	152	236
7	Sevier	1,775	260	445	194	36	166	1,289	298
8	Summit	321	365	205	349	93	531	23	196
9	Wasatch	97	344	32	348	5	333	60	343
	Area 2:								
10	Davis	1,086	345	205	364	30	400	851	342
11	Utah	3,304	287	712	230	49	228	2,500	301
12	Weber	1,427	318	258	238	28	135	1,128	345
	Metropolitan Area A:								
13	Salt Lake	2,365	310	225	140	57	248	2,077	357
	Area 3:								
14	Beaver	752	351	15	222	...	...	738	354
15	Carbon	206	177	144	170	6	250	55	184
16	Daggett	2	200	...	...	...	...	2	200
17	Duchesne	659	243	532	271	68	170	61	165
18	Emery	460	213	302	209	32	181	126	234
19	Garfield	162	153	126	146	...	...	36	185
20	Grand	74	129	35	119	18	101	20	195
21	Iron	807	358	146	213	16	267	645	427
22	Juab	14	137	5	100	...	...	9	171
23	Kane	57	189	42	160	2	200	13	456
24	Millard	1,331	293	757	323	...	...	574	258
25	Piute	44	160	22	166	...	...	22	154
26	San Juan	5	333	5	333	...	...	...	...
27	Tooele	29	264	8	291	...	...	20	242
28	Uintah	427	258	350	270	30	180	48	253
29	Washington	656	241	272	163	12	296	368	363
30	Wayne	141	206	114	316	10	61	17	107

Z 0.05 percent or less.

UTAH

TONS OF LIME



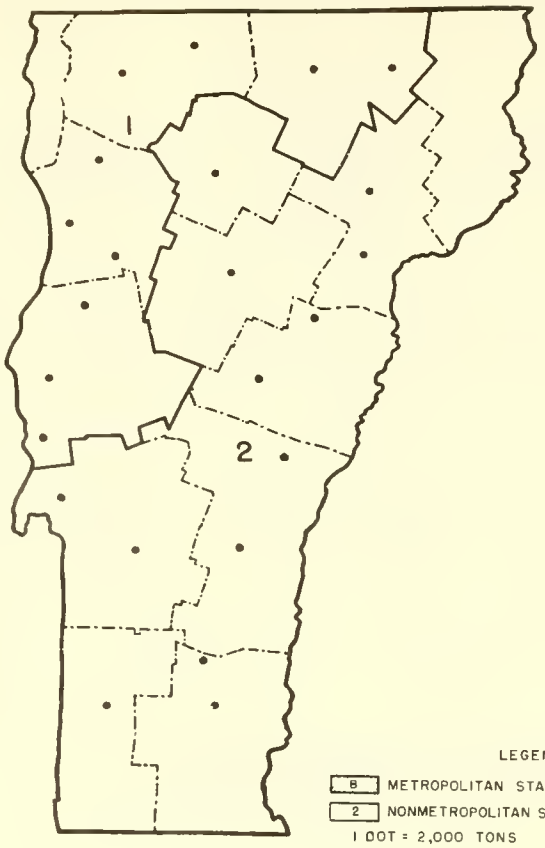
Map No. A54-471

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay					
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Sugar beets 5,256	*Sugar beets* 368	*Wheat* 1,969	*Wheat* 156	3,537	370	3,953	252	385	(Z)	1,049	1
1,067	370	442	146	234	280	436	189	...	...	...	2
670	394	424	97	99	234	495	204	130	0.1	1,877	3
...	...	...	...	8	138	6	343	...	...	...	4
...	...	...	...	...	...	...	...	...	...	...	5
74	223	20	200	...	...	58	274	...	...	...	6
629	292	35	190	390	446	235	210	30	0.1	333	7
...	...	1	400	...	...	22	191	...	...	...	8
...	...	...	...	...	...	60	343	...	...	...	9
216	406	37	269	352	383	246	273	...	...	...	10
604	411	445	245	922	328	529	241	30	(Z)	1,667	11
600	372	48	221	346	346	134	303	80	0.1	375	12
888	349	318	172	141	340	730	720	35	(Z)	857	13
38	507	96	217	488	415	116	296	...	...	...	14
28	252	...	...	2	267	25	139	...	...	...	15
...	...	...	...	...	...	2	200	...	...	...	16
...	...	9	295	...	...	52	153	...	...	...	17
...	...	26	193	5	333	95	244	...	...	...	18
...	...	...	...	22	232	14	140	...	...	...	19
...	...	...	...	20	195	...	...	...	...	...	20
...	...	22	226	428	725	195	237	...	...	...	21
...	...	1	83	1	333	7	187	...	...	...	22
...	...	...	...	...	...	13	456	...	...	...	23
292	450	16	125	22	411	244	175	...	...	...	24
...	...	...	...	2	400	20	145	...	...	...	25
...	...	...	...	...	...	...	...	...	...	...	26
2	114	...	...	...	...	18	277	...	...	...	27
...	...	20	333	3	240	25	213	...	...	...	28
148	815	9	167	52	297	159	264	...	...	...	29
...	...	...	...	...	...	17	107	80	0.4	500	30

VERMONT

TONS OF FERTILIZER



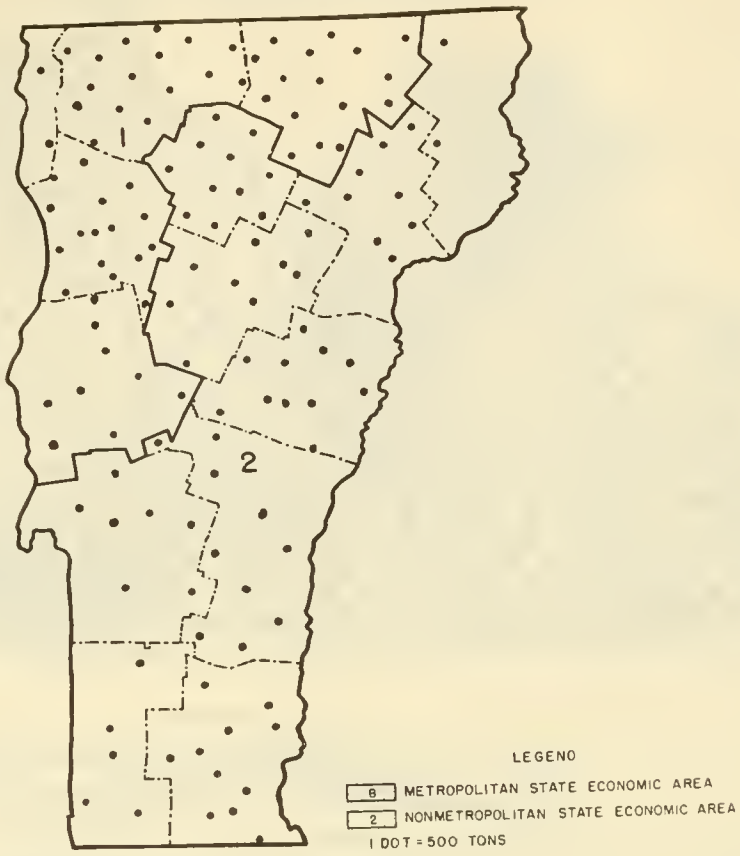
Map No. A54-472

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Vermont, total	45,688	432	26,162	401	2,995	362	16,471	512
	Area 1:								
2	Addison	5,301	360	2,969	355	370	287	1,938	381
3	Chittenden	5,544	437	3,145	424	243	323	2,156	477
4	Franklin	4,672	378	2,959	368	287	294	1,426	429
5	Grand Isle	852	602	536	668	30	545	286	513
6	Orleans	4,718	477	2,354	378	200	292	2,138	716
	Area 2:								
7	Bennington	2,151	363	1,108	406	217	421	826	309
8	Caledonia	3,638	512	1,921	393	321	563	1,387	900
9	Essex	595	597	256	406	44	607	292	977
10	Lamoille	2,604	456	1,345	391	374	386	885	681
11	Orange	3,199	469	1,972	427	294	442	933	606
12	Rutland	3,103	354	1,857	343	107	402	1,135	367
13	Washington	1,997	449	1,273	457	188	338	536	485
14	Windham	4,106	455	2,127	368	172	325	1,818	685
15	Windsor	3,208	537	2,340	563	148	393	715	489

VERMONT

TONS OF LIME



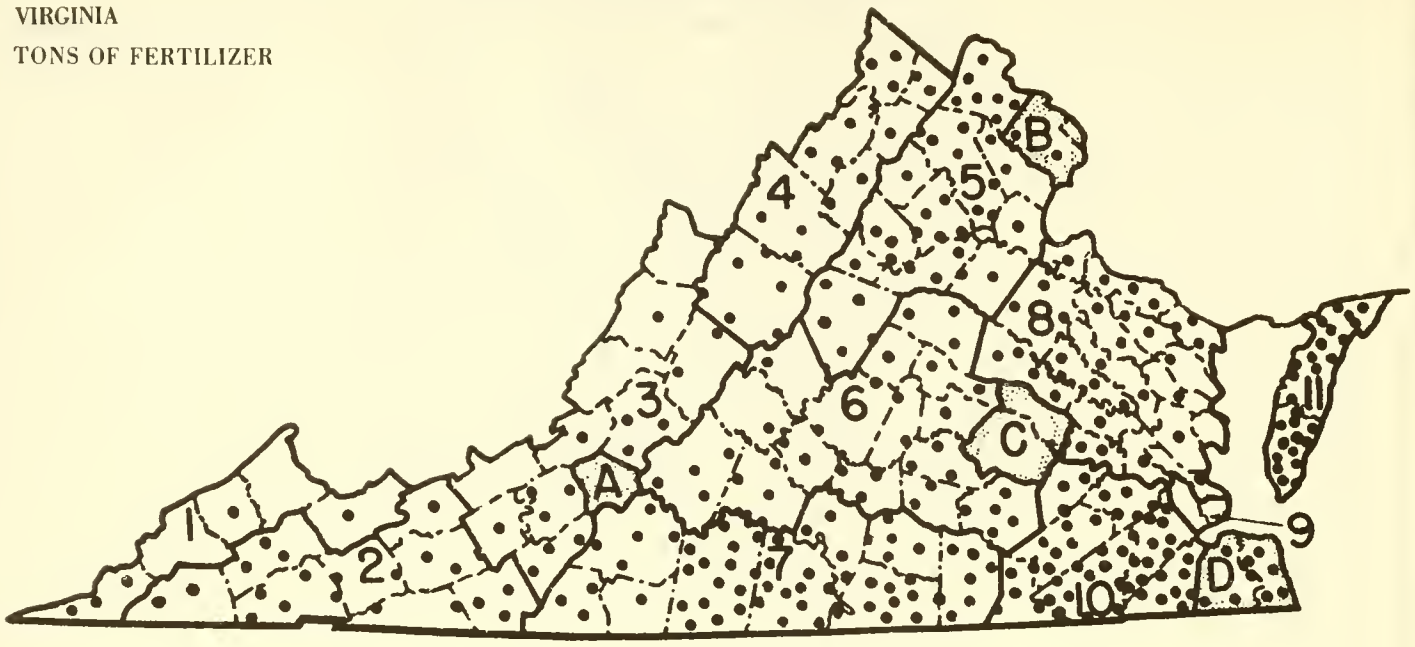
Map No. A54-473

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 8,912	*Corn* 426	*Tobacco* 35	*Tobacco* 2,000	4,679	1,035	2,845	424	57,543	5.2	2,332	1
1,203	381	...	...	212	444	523	359	5,888	3.7	1,522	2
1,622	469	...	...	262	634	272	419	7,215	7.3	2,187	3
1,097	415	...	...	47	712	282	458	6,717	5.0	2,452	4
138	383	...	...	96	1,536	52	385	1,570	4.4	1,191	5
812	482	...	...	793	2,478	533	542	5,872	3.2	2,747	6
514	328	...	...	58	227	254	297	2,724	7.0	1,971	7
256	435	...	...	937	2,424	194	343	3,749	4.7	2,479	8
90	604	...	...	197	1,576	5	200	530	2.4	3,623	9
400	470	...	...	361	1,310	124	719	3,373	4.9	3,180	10
566	476	...	...	288	1,451	79	523	4,077	2.9	2,582	11
591	364	...	...	299	316	245	471	3,880	2.3	1,879	12
284	385	...	...	112	966	140	554	3,641	3.1	2,419	13
824	486	35	2,000	897	1,151	62	388	3,694	5.5	2,992	14
515	432	...	...	120	1,244	80	462	4,613	3.5	2,170	15

VIRGINIA

TONS OF FERTILIZER



LEGEND

B METROPOLITAN STATE ECONOMIC AREA

2 NONMETROPOLITAN STATE ECONOMIC AREA

1 DOT = 2,000 TONS

Map No. A54-474

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Virginia, total	642,479	544	128,003	487	48,015	459	463,801	570
	Area 1:								
2	Buchanan	909	347	102	268	60	178	746	400
3	Dickenson	1,071	417	323	354	42	410	705	469
4	Lee	5,042	537	971	371	438	528	3,639	616
5	Tazewell	2,908	328	695	354	556	254	1,646	349
6	Wise	625	385	210	354	29	414	380	384
	Area 2:								
7	Bland	2,445	461	934	513	453	353	1,046	476
8	Bristol (city)	9	900	...	...	...	...	9	720
9	Carroll	6,694	399	3,143	397	914	307	2,594	444
10	Grayson	4,441	446	2,291	464	749	365	1,373	482
11	Russell	6,381	418	1,037	265	652	388	4,643	484
12	Scott	4,874	484	889	311	294	404	3,745	577
13	Smyth	5,267	412	1,557	446	874	291	2,802	451
14	Washington	10,698	489	1,912	486	1,279	377	7,440	509
15	Wythe	6,556	426	1,885	422	1,074	477	3,519	394
	Area 3:								
16	Alleghany	660	349	302	263	95	470	261	509
17	Bath	1,261	459	568	554	224	353	461	419
18	Botetourt	5,067	513	1,715	523	1,268	631	2,055	446
19	Craig	1,072	480	372	477	138	531	552	460
20	Floyd	5,700	503	2,380	502	885	494	2,416	508
21	Giles	998	454	476	495	64	449	443	416
22	Highland	693	563	375	696	128	597	190	390
23	Montgomery	5,028	554	2,380	594	845	481	1,803	557
24	Pulaski	2,550	480	1,296	560	144	432	1,130	419
25	Rockbridge	4,406	421	1,710	481	694	479	1,991	360
26	Buena Vista (city)	...	...	...	...	...	...	...	...
27	Clifton Forge (city)	...	...	...	...	...	...	...	...
28	Radford (city)	26	217	25	217	...	...	1	200
	Metropolitan Area A:								
29	Roanoke	2,474	490	1,066	469	308	548	1,099	498
30	Roanoke (city)	356	533	144	501	132	513	80	653

VIRGINIA

TONS OF LIME

LEGEND

8 METROPOLITAN STATE ECONOMIC AREA

2 NONMETROPOLITAN STATE ECONOMIC AREA

1 DOT = 500 TONS

Map No. A54-475

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 189,187	*Corn* 485	*Tobacco* 74,566	*Tobacco* 1,265	73,767	928	126,281	443	332,017	6.0	2,727	1
439	300	112	2,489	182	581	13	302	...	...	...	2
475	406	58	1,657	167	585	5	400	320	1.1	2,719	3
1,594	382	1,656	1,615	227	775	162	383	495	0.8	4,990	4
1,002	333	68	1,225	96	701	480	318	2,117	2.8	2,904	5
176	342	30	1,091	169	407	5	154	930	4.1	2,258	6
705	450	30	1,500	62	1,425	249	436	3,482	10.3	3,234	7
5	667	2	800	2	800	...	...	...	...	...	8
1,568	426	28	1,244	534	616	464	367	5,830	5.4	3,602	9
956	465	140	1,217	56	605	221	377	3,618	5.8	4,386	10
2,087	359	1,666	1,566	118	619	772	306	3,194	5.0	3,763	11
1,440	352	1,787	1,454	180	727	338	365	1,090	1.9	2,679	12
1,391	412	487	1,292	298	490	626	338	2,553	4.0	4,184	13
2,945	396	2,564	1,546	255	669	1,676	326	6,482	6.0	4,174	14
2,109	387	4	400	124	658	1,282	392	9,291	12.5	5,484	15
131	459	...	...	28	1,018	102	510	1,360	8.0	2,471	16
287	437	...	...	24	923	150	360	731	3.5	2,468	17
869	473	...	...	490	430	696	426	2,501	4.7	4,078	18
273	461	...	...	35	1,000	244	426	1,005	3.7	2,279	19
1,402	536	62	1,378	230	652	722	414	6,975	8.5	3,567	20
344	408	...	...	12	400	87	452	2,915	8.2	1,259	21
86	362	...	...	17	708	87	385	605	3.1	3,736	22
1,156	560	14	1,400	62	775	571	527	3,325	5.2	3,296	23
672	459	...	...	36	960	422	353	3,576	6.4	3,030	24
840	365	1	400	26	981	1,124	352	2,897	4.1	3,482	25
...	...	...	...	...	...	...	...	...	...	...	26
...	...	...	...	...	...	...	...	...	...	...	27
1	200	...	...	...	...	...	...	...	...	...	28
496	754	...	...	377	366	226	435	1,930	5.1	2,347	29
29	387	...	...	...	...	51	1,074	350	10.7	5,285	30

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Virginia—Continued								
	Area 4:								
1	Augusta	12,962	422	4,472	478	1,959	516	6,400	364
2	Clarke	3,929	417	860	625	692	500	2,385	354
3	Frederick	5,365	391	1,096	518	733	515	3,462	336
4	Page	3,438	426	642	515	464	483	2,296	390
5	Rockingham	9,480	408	2,532	445	889	436	5,993	387
6	Shenandoah	5,841	417	994	491	510	611	4,290	385
7	Warren	1,944	362	572	602	167	488	1,202	296
8	Harrisonburg (city)	...	...	...	...	...	...	...	...
9	Staunton (city)	381	353	282	309	35	700	65	565
10	Winchester (city)	...	...	...	...	...	...	...	...
11	Waynesboro (city)	...	...	...	...	...	...	...	...
	Area 5:								
12	Albemarle	10,476	550	5,106	645	1,852	595	3,429	420
13	Culpeper	9,837	522	3,080	554	1,012	567	5,753	493
14	Fauquier	11,601	410	4,068	472	1,418	340	6,072	387
15	Greene	1,258	410	233	465	77	273	948	416
16	Loudoun	14,412	437	4,437	531	1,244	530	8,650	384
17	Madison	5,075	406	1,340	479	696	364	2,974	389
18	Orange	5,878	457	2,140	483	726	458	3,020	432
19	Prince William	4,403	497	1,990	557	403	552	1,967	423
20	Rappahannock	2,461	440	985	622	333	389	1,146	364
21	Spotsylvania	4,306	520	1,202	490	528	803	2,518	481
22	Stafford	2,782	471	986	523	259	468	1,528	440
23	Charlottesville (city)	10	4,000	...	...	...	...	10	4,000
24	Fredericksburg (city)	...	...	...	...	...	...	...	...
	Metropolitan Area B:								
25	Arlington	...	...	...	...	...	...	...	...
26	Fairfax	3,277	523	1,520	543	243	586	1,491	494
27	Alexandria (city)	...	...	...	...	...	...	...	...
28	Falls Church (city)	...	...	...	...	...	...	...	...
	Area 6:								
29	Amelia	5,530	489	1,244	412	601	519	3,595	507
30	Amherst	2,233	380	929	424	368	391	927	341
31	Appomattox	3,106	349	356	287	268	265	2,450	372
32	Bedford	8,413	433	3,537	428	1,259	445	3,576	428
33	Buckingham	3,541	440	564	459	278	605	2,644	417
34	Campbell	8,014	460	1,686	380	738	507	5,551	481
35	Cumberland	4,079	534	570	409	324	347	3,163	588
36	Dinwiddie	9,268	601	1,043	464	616	548	7,640	631
37	Fluvanna	2,469	511	740	645	376	533	1,364	460
38	Goochland	4,353	487	1,369	509	622	394	2,355	497
39	Louisa	5,078	473	1,042	483	600	433	3,425	472
40	Nelson	2,715	398	1,036	452	338	429	1,332	355
41	Nottoway	4,858	606	1,162	590	685	530	3,024	633
42	Powhatan	2,498	491	768	501	342	374	1,411	533
43	Prince Edward	7,201	579	2,155	601	669	595	4,350	560
44	Lynchburg (city)	...	...	...	...	...	...	...	...
45	Petersburg (city)	4	320	...	...	...	...	5	333
	Metropolitan Area C:								
46	Chesterfield	2,666	494	931	447	74	247	1,652	533
47	Henrico	3,848	443	1,332	442	338	392	2,174	443
48	Richmond (city)	15	1,500	...	...	...	...	15	1,500
49	Colonial Heights (city)	...	...	...	...	...	...	...	...
	Area 7:								
50	Brunswick	13,191	680	1,469	476	722	554	10,907	741
51	Charlotte	8,358	598	1,165	432	942	448	6,199	667
52	Franklin	9,524	506	2,757	468	1,053	440	5,694	542
53	Halifax	21,138	605	2,226	319	644	359	18,190	700
54	Henry	2,906	508	1,216	428	240	465	1,444	618
55	Lunenburg	9,117	697	1,556	581	788	651	6,768	737
56	Mecklenburg	18,722	606	2,158	412	948	349	15,564	678
57	Patrick	6,268	527	1,626	488	789	407	3,810	580
58	Pittsylvania	29,539	683	3,646	500	840	571	24,843	722
59	Danville (city)	...	...	...	...	...	...	...	...
60	Martinsville (city)	160	646	112	747	...	...	48	492
	Areas 8 and 9:								
61	Caroline	6,274	471	1,176	472	572	580	4,609	471
62	Charles City	3,388	543	517	607	57	380	2,775	531
63	Essex	4,010	432	994	406	155	435	2,857	435
64	Gloucester	2,734	498	504	483	52	335	2,171	508
65	Hanover	8,542	477	1,323	615	697	489	6,505	454
66	James City	1,918	488	526	531	32	388	1,360	474
67	King and Queen	4,506	430	534	461	66	211	3,880	429
68	King George	2,405	440	666	695	88	414	1,611	382
69	King William	4,825	460	1,740	543	281	661	2,807	409
70	Lancaster	2,048	520	234	495	109	699	1,704	515
71	Mathews	866	383	64	427	...	...	800	380
72	Middlesex	2,036	522	260	619	41	781	1,714	508
73	New Kent	2,710	588	526	540	119	708	2,070	595
74	Northumberland	5,492	444	483	483	190	645	4,819	435
75	Richmond	3,500	372	200	391	178	369	3,120	369
76	Westmoreland	5,145	401	594	453	162	513	4,393	392
77	York	1,320	829	458	666	28	509	833	971
78	Williamsburg (city)	...	...	...	...	...	...	...	...
	Area 9:								
79	Warwick	447	473	258	506	...	...	188	432
80	Hampton (city) and Elizabeth City	530	571	274	664	...	...	255	495
81	Newport News (city)	...	...	...	...	...	...	...	...

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Tobacco*	*Tobacco*								
2,635	354	...	...	252	307	3,513	376	10,499	7.5	3,397	1
771	299	...	...	856	428	758	353	2,220	4.6	3,100	2
941	347	...	...	1,706	334	815	330	2,747	3.3	3,073	3
876	348	...	...	17	1,700	1,403	418	1,330	2.7	3,008	4
2,191	397	...	...	276	404	3,526	374	5,282	3.9	3,159	5
1,230	327	...	...	888	582	2,172	371	1,380	1.9	3,674	6
488	409	...	...	407	197	307	384	1,968	6.3	2,684	7
...	...	...	...	...	...	...	...	...	...	...	8
23	697	...	...	16	561	26	486	175	11.7	46	9
...	...	...	...	...	...	...	...	...	...	...	10
...	...	...	...	...	...	...	...	80	5.4	100	11
1,728	497	...	...	603	253	1,098	476	9,426	9.4	2,995	12
3,082	489	...	...	180	940	2,491	482	9,545	10.5	2,632	13
3,294	373	...	...	84	491	2,694	403	17,963	11.2	3,218	14
545	452	...	...	14	1,333	389	366	935	4.4	2,973	15
4,170	333	...	...	540	788	3,940	423	23,492	12.7	2,145	16
1,434	397	...	...	144	196	1,396	424	5,917	10.3	2,941	17
1,727	433	...	...	7	1,400	1,286	430	5,494	9.6	2,974	18
1,279	429	...	...	18	923	670	406	5,084	11.6	2,542	19
542	421	...	...	346	274	258	428	5,238	11.7	1,918	20
1,350	490	5	2,000	30	706	1,133	466	2,683	5.7	2,770	21
944	443	...	...	50	667	534	420	2,408	8.2	3,196	22
...	...	...	...	...	...	10	4,000	...	...	...	23
...	...	...	...	...	...	...	...	...	...	...	24
...	...	...	...	...	...	...	...	...	...	...	25
890	485	...	...	173	665	428	464	3,435	7.6	2,565	26
...	...	...	...	...	...	...	...	...	...	...	27
...	...	...	...	...	...	...	...	...	...	...	28
1,100	421	787	1,101	57	1,065	1,651	444	1,501	3.2	2,762	29
378	300	197	667	198	311	154	293	2,527	7.0	3,023	30
1,113	297	622	913	60	656	655	316	1,832	4.1	1,989	31
1,712	392	388	1,062	339	708	1,137	361	6,865	6.0	3,539	32
1,340	371	524	1,083	58	535	722	338	2,409	5.0	3,230	33
2,294	368	1,766	1,206	269	670	1,222	355	3,086	3.6	3,208	34
1,512	512	914	1,350	53	922	684	405	1,710	4.1	2,865	35
3,170	505	2,472	1,282	238	844	1,760	487	3,900	6.9	1,403	36
736	467	34	1,360	57	809	537	414	2,132	6.5	3,846	37
1,212	511	127	941	136	928	880	423	2,029	5.4	3,398	38
1,408	433	447	1,365	68	824	1,502	418	2,415	4.0	2,733	39
638	377	115	772	406	292	173	333	2,376	5.5	3,213	40
1,064	470	1,196	1,195	135	844	629	466	1,790	4.6	3,308	41
688	511	130	1,244	122	1,021	471	437	1,055	3.6	3,075	42
1,762	467	1,392	1,232	124	372	1,072	425	2,210	4.4	3,072	43
...	...	...	...	...	...	...	...	...	...	...	44
4	320	...	...	...	...	1	400	...	...	...	45
776	468	308	1,521	164	772	404	392	1,226	5.0	1,610	46
922	462	4	1,143	49	460	1,199	428	1,463	5.4	2,802	47
...	...	...	...	...	...	15	1,500	...	...	...	48
...	...	...	...	...	...	...	...	...	...	...	49
3,397	471	5,364	1,360	528	858	1,618	548	2,932	4.0	2,319	50
1,906	439	3,316	1,192	164	726	813	419	2,452	3.4	2,887	51
2,023	429	1,985	1,303	452	438	1,234	382	3,535	3.7	3,878	52
4,718	380	11,652	1,222	458	728	1,362	402	3,295	2.1	2,270	53
551	422	752	969	89	727	52	392	1,198	2.9	2,985	54
2,169	447	3,944	1,230	202	816	453	522	1,575	2.5	2,102	55
4,478	423	8,480	1,134	553	841	2,053	486	2,267	1.8	2,723	56
1,544	386	1,646	1,312	432	554	188	353	1,954	3.6	3,689	57
6,269	405	15,199	1,313	887	807	2,488	398	6,797	3.5	1,860	58
...	...	...	...	...	...	...	...	...	...	...	59
18	514	...	...	15	1,000	15	316	...	...	...	60
1,806	458	360	2,028	242	855	2,201	408	4,969	10.5	1,983	61
1,266	601	3	857	22	587	1,484	483	657	3.5	3,230	62
1,500	484	8	941	137	828	1,212	369	2,484	6.2	1,837	63
1,294	555	...	...	48	600	829	446	1,843	9.0	1,680	64
2,124	432	194	1,315	964	791	3,223	401	3,867	6.0	2,212	65
682	473	...	...	322	1,063	356	317	620	4.7	2,342	66
1,559	445	21	1,556	816	703	1,484	340	4,655	16.2	1,132	67
656	349	...	...	50	769	905	399	2,296	7.9	2,112	68
1,551	424	8	800	154	583	1,094	373	2,627	8.4	1,880	69
822	505	...	...	166	922	716	477	1,515	9.4	1,762	70
390	489	...	...	5	2,000	405	310	780	10.2	1,141	71
776	502	...	...	274	805	664	446	1,722	9.0	1,164	72
869	569	...	...	159	975	1,042	581	406	2.5	1,576	73
2,070	448	...	...	302	715	2,447	406	5,120	16.4	1,359	74
1,197	371	...	...	378	1,001	1,545	319	1,248	4.6	1,974	75
2,005	435	...	...	468	799	1,920	320	4,160	11.5	1,702	76
232	607	...	...	556	1,381	45	621	70	1.3	3,286	77
...	...	...	...	...	...	...	...	...	...	...	78
138	428	...	...	20	800	30	343	435	13.4	294	79
132	600	...	...	108	460	15	250	520	14.3	238	80
...	...	...	...	...	...	...	...	...	...	...	81

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Virginia—Continued								
	Area 10:								
1	Greensville	9,535	593	442	517	632	574	8,386	597
2	Isle of Wight	18,956	754	1,786	712	106	771	16,910	762
3	Nansemond	16,821	746	1,285	708	96	725	15,386	750
4	Prince George	6,146	520	496	494	628	809	5,041	497
5	Southampton	27,186	701	1,497	529	695	705	24,470	700
6	Surry	10,374	664	1,120	693	111	457	9,069	665
7	Sussex	12,807	607	862	612	676	616	11,217	604
8	Hopewell (city)	...	...	...	...	...	...	...	...
9	Suffolk (city)	...	...	...	...	...	...	...	...
	Area 11:								
10	Accomack	27,177	1,170	547	619	80	800	26,859	1,204
11	Northampton	26,514	1,320	142	694	...	...	26,386	1,312
	Metropolitan Area D:								
12	Norfolk	8,032	518	390	531	18	720	7,633	520
13	Princess Anne	10,095	666	2,415	647	105	420	7,484	682
14	Norfolk (city)	...	...	...	...	...	...	...	...
15	Portsmouth (city)	1	400	...	...	...	...	1	400
16	South Norfolk (city)	...	...	...	...	...	...	...	...

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Cotton	*Cotton*	*Tobacco*	*Tobacco*								
4,235	580	748	1,308	127	1,198	3,276	540	2,955	7.1	1,058	1
10,243	759	...	...	123	794	6,544	768	1,410	2.5	2,454	2
9,290	756	141	1,831	1,147	1,261	4,808	663	2,221	3.7	2,055	3
2,652	567	104	1,051	48	696	2,237	423	1,774	4.8	2,087	4
15,653	758	58	1,432	191	772	8,568	611	7,555	7.3	1,038	5
5,448	664	...	...	1	400	3,620	667	428	1.2	2,000	6
5,862	654	446	1,537	56	778	4,853	526	2,270	4.3	1,558	7
...	...	...	...	...	...	...	...	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	9
2,276	680	...	...	22,606	1,354	1,977	876	5,382	7.6	1,405	10
742	670	...	...	25,196	1,422	448	349	5,165	11.7	1,447	11
5,089	629	...	...	886	1,322	1,658	280	6,455	12.7	2,575	12
4,108	702	...	...	1,468	1,039	1,908	514	5,004	10.2	2,320	13
...	...	...	...	...	...	...	...	...	...	...	14
...	...	...	...	...	...	1	400	...	...	...	15
...	...	...	...	...	...	...	...	...	...	...	16

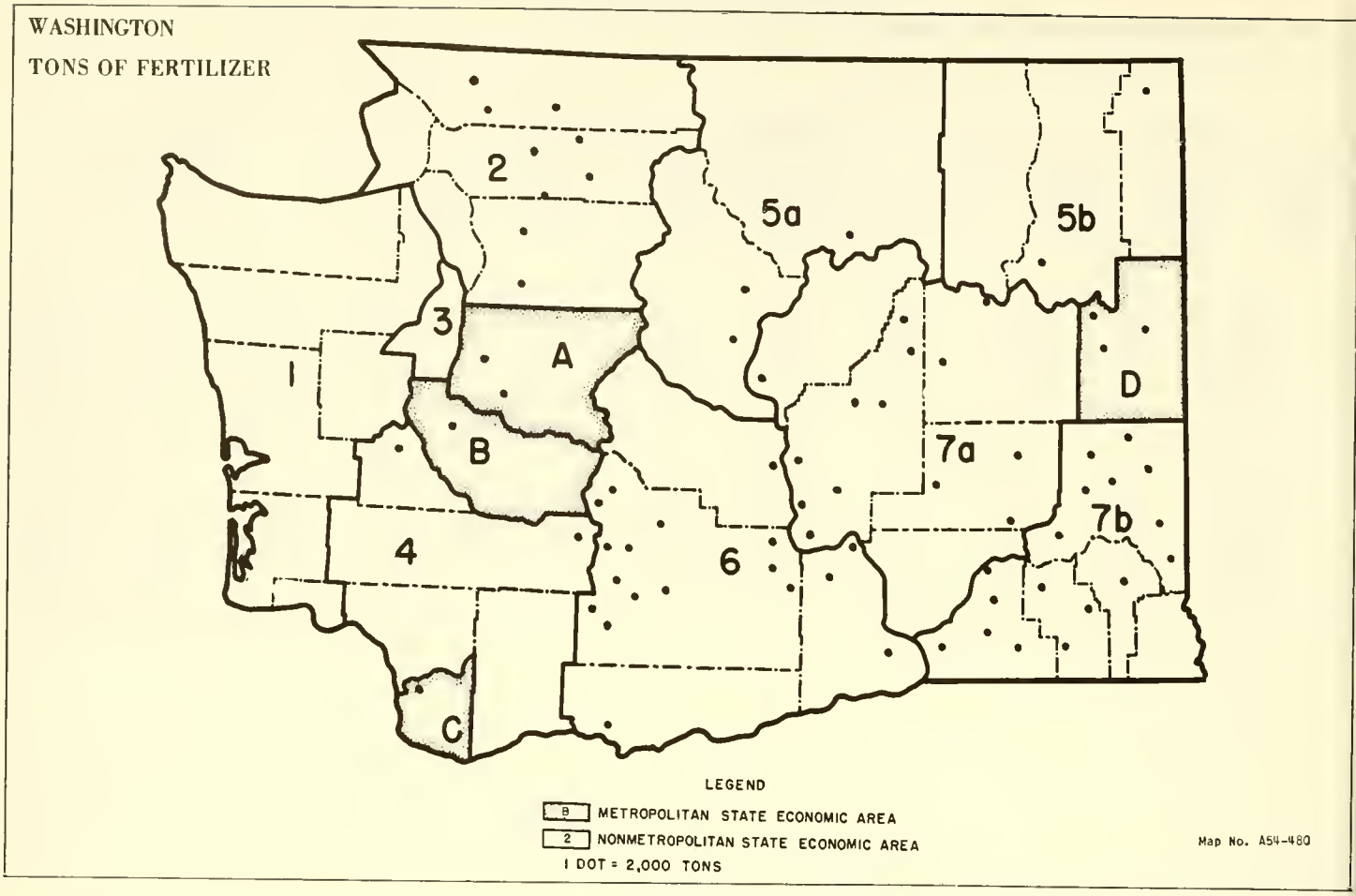
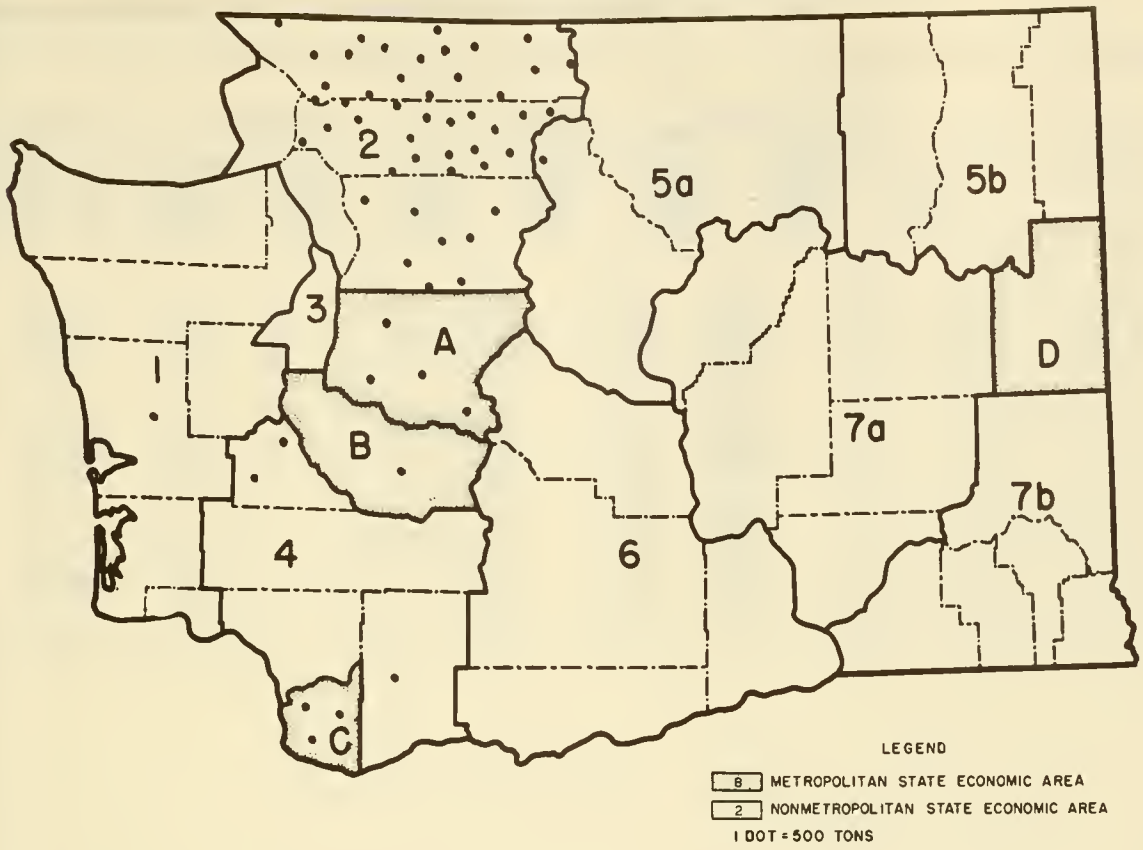


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Washington, total	156,390	176	21,492	224	2,670	214	131,494	168
	Area 1:								
2	Clallam	403	222	328	225	49	159	25	476
3	Grays Harbor	664	250	429	273	84	209	150	217
4	Jefferson	75	186	64	172	...	...	11	355
5	Mason	151	233	104	226	27	220	20	320
6	Pacific	147	202	100	180	...	...	47	270
7	Wahkiakum	170	379	48	259	8	100	116	632
	Area 2:								
8	Island	448	261	250	227	...	...	198	322
9	San Juan	182	325	136	351	18	330	28	238
10	Skagit	7,306	352	1,965	254	34	439	5,286	405
11	Snohomish	3,806	398	1,650	324	24	281	2,140	488
12	Whatcom	6,540	375	3,138	271	42	255	3,326	593
	Area 3:								
13	Kitsap	730	642	116	181	12	192	591	1,351
	Metropolitan Area A:								
14	King	4,642	721	969	299	192	292	3,449	1,341
	Metropolitan Area B:								
15	Pierce	2,748	526	461	202	58	189	2,171	833
	Area 4:								
16	Cowlitz	198	227	83	159	7	97	108	389
17	Lewis	1,930	205	853	200	153	187	924	215
18	Skamania	70	248	30	182	1	100	39	355
19	Thurston	1,305	303	458	215	419	564	426	299
	Metropolitan Area C:								
20	Clark	2,140	297	586	188	157	211	1,391	416
	Area 5a:								
21	Chelan	4,940	389	122	171	13	120	4,805	404
22	Okanogan	2,998	285	597	238	200	298	2,188	298
	Area 5b:								
23	Ferry	101	122	58	165	2	100	41	89
24	Pend Oreille	1,025	185	124	141	10	100	890	195
25	Stevens	1,222	140	398	167	15	176	809	131

2 0.05 percent or less.



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Wheat	*Wheat*	*Oats*	*Oats*								
44,128	91	4,510	157	42,180	423	40,676	237	25,451	0.3	2,388	1
...	...	3	200	12	369	10	2,000	230	0.7	1,043	2
...	...	26	193	115	217	9	327	385	0.8	1,377	3
...	...	...	...	3	188	8	533	50	0.5	600	4
...	...	3	92	17	567	...	...	55	0.6	545	5
...	...	1	200	28	224	18	409	110	0.5	3,000	6
...	...	6	444	104	756	6	185	10	0.1	5,000	7
46	292	38	245	79	400	35	333	110	0.5	2,727	8
16	221	10	235	2	800	...	...	5	(Z)	2,000	9
102	208	214	155	4,200	428	770	561	4,853	5.4	4,006	10
...	...	76	262	1,954	519	110	336	3,500	4.0	2,300	11
117	384	608	286	2,455	889	146	348	8,145	6.9	2,357	12
...	...	1	200	452	1,329	138	1,492	220	1.6	1,955	13
...	...	6	300	2,760	1,252	683	1,971	1,425	1.9	2,912	14
...	...	31	376	1,924	906	216	540	900	1.7	1,422	15
...	...	...	...	47	522	61	325	45	0.1	1,556	16
97	131	376	163	285	435	166	273	2,095	2.0	191	17
...	...	...	...	39	355	...	...	135	2.3	3,704	18
20	211	162	218	168	407	76	433	1,175	2.3	2,474	19
18	164	204	137	792	647	377	736	1,002	1.0	2,962	20
20	72	1	100	4,776	413	8	291	830	1.4	843	21
91	71	30	550	2,011	347	56	284	...	...	...	22
38	87	1	80	1	125	1	200	...	...	...	23
138	181	702	200	...	...	50	171	1	(Z)	2,000	24
446	132	171	118	10	308	182	136	...	...	...	25

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Washington—Continued								
	Area 6:								
1	Benton	6,733	239	447	243	74	290	6,215	238
2	Kittitas	2,668	214	1,305	243	72	115	1,315	199
3	Klickitat	2,947	140	1,290	148	90	140	1,582	133
4	Yakima	25,360	371	2,270	284	330	155	22,647	393
	Area 7a:								
5	Adams	5,254	80	118	198	66	249	5,006	77
6	Douglas	1,883	146	52	308	1	200	1,817	143
7	Franklin	3,862	79	140	245	111	290	3,609	75
8	Grant	16,076	369	676	278	95	184	15,162	368
9	Lincoln	3,803	62	226	218	12	122	3,543	59
	Area 7b:								
10	Asotin	622	120	11	122	2	400	603	119
11	Columbia	6,976	131	102	186	21	150	6,832	129
12	Garfield	2,701	96	49	137	18	277	2,633	96
13	Walla Walla	10,361	90	466	106	91	200	9,800	89
14	Whitman	16,618	115	505	153	104	134	15,902	113
	Metropolitan Area D:								
15	Spokane	6,585	131	768	157	58	141	5,649	123

Z 0.05 percent or less.

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Wheat	*Wheat*	*Oats*	*Oats*								
998	98	34	219	2,150	469	3,033	270	...	...	...	1
252	127	324	158	391	273	348	305	...	...	...	2
1,277	125	30	75	192	376	83	107	...	...	...	3
272	130	58	527	10,179	354	12,138	455	65	(Z)	2,000	4
3,584	66	49	222	45	720	1,328	127	...	...	...	5
588	69	16	44	1,159	377	54	78	...	...	...	6
2,608	64	26	62	38	415	937	133	...	...	...	7
2,398	140	129	298	3,500	760	9,135	481	...	...	...	8
3,159	59	88	58	...	...	296	52	...	...	...	9
468	115	7	136	26	242	102	121	102	0.1	333	10
5,222	141	33	125	874	104	703	98	3	(Z)	667	11
1,990	97	28	235	17	76	598	90	...	...	...	12
6,484	73	120	183	1,090	216	2,106	136	...	...	...	13
10,773	109	359	112	20	276	4,750	123	...	...	...	14
2,906	110	539	113	265	375	1,939	140	...	...	...	15

WEST VIRGINIA

TONS OF FERTILIZER

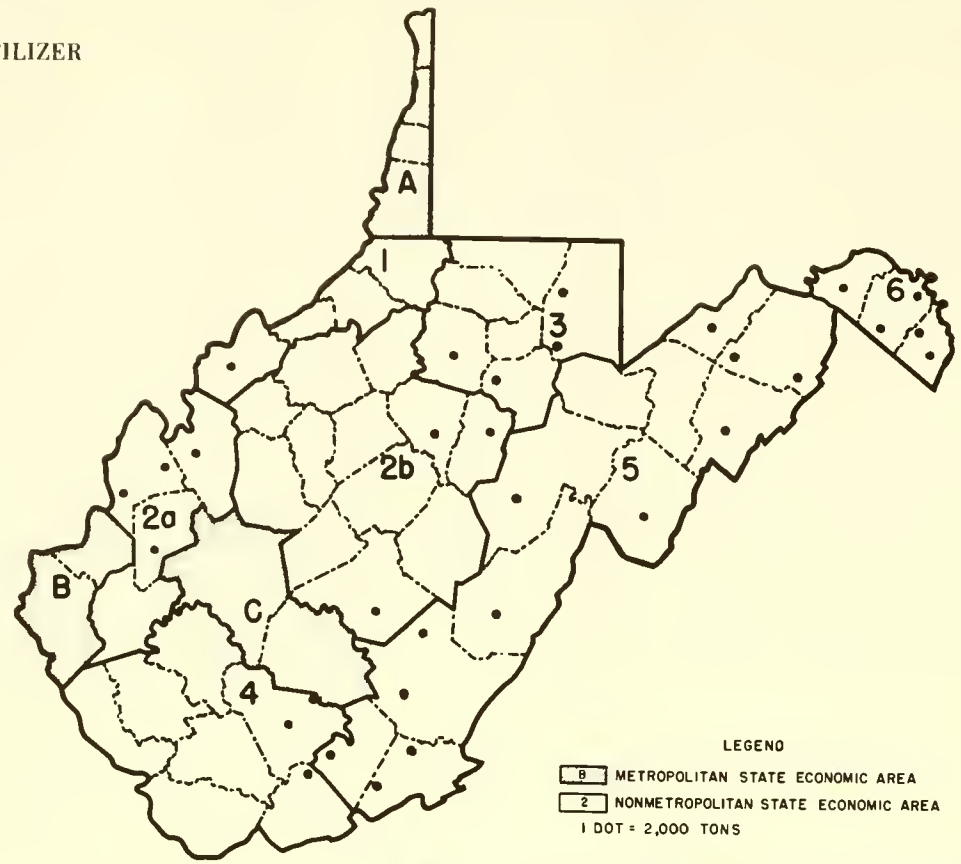
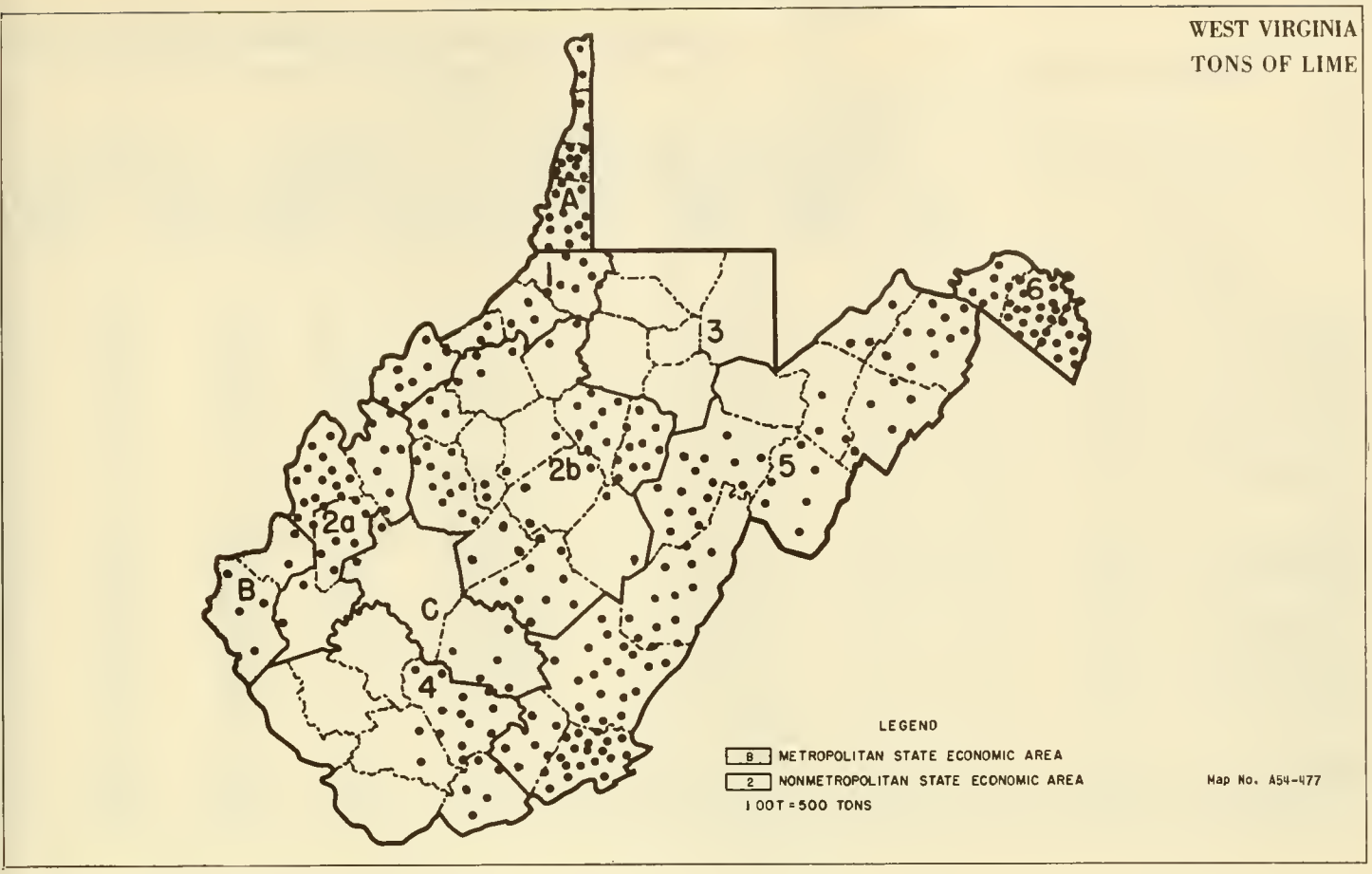


Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	West Virginia, total	67,858	369	17,960	373	4,966	338	44,511	366
	Area 1:								
2	Pleasants	583	610	179	523	8	800	397	656
3	Tyler	438	360	154	460	28	350	255	318
4	Wetzel	263	339	141	515	12	400	114	238
5	Wood	1,420	359	529	366	48	417	852	352
	Metropolitan Area A:								
6	Brooke	459	596	234	704	70	966	154	422
7	Hancock	280	362	62	388	...	...	213	342
8	Marshall	731	321	230	388	32	674	461	287
9	Ohio	860	398	412	428	46	575	392	359
	Area 2a:								
10	Jackson	1,663	410	730	447	242	271	692	448
11	Lincoln	823	534	84	329	1	200	734	562
12	Mason	3,544	346	880	355	481	252	2,185	370
13	Putnam	1,296	424	508	363	90	522	698	476
	Metropolitan Area B:								
14	Cabell	643	498	134	447	5	118	492	506
15	Wayne	936	298	366	281	4	200	566	306
	Area 2b:								
16	Braxton	789	361	258	310	16	128	513	404
17	Calhoun	271	282	178	320	6	200	86	229
18	Clay	216	275	44	352	19	217	150	264
19	Doddridge	140	382	86	343	8	1,067	47	433
20	Gilmer	719	416	246	477	315	406	158	344
21	Lewis	1,194	416	624	415	109	321	454	426
22	Nicholas	1,555	387	332	302	37	251	1,173	425
23	Ritchie	623	391	352	381	43	351	223	402
24	Roane	726	331	427	399	26	56	268	394
25	Upshur	1,890	428	658	361	198	251	1,000	532
26	Webster	496	439	80	476	...	...	414	424
27	Wirt	406	540	177	492	56	457	167	619
	Area 3:								
28	Barbour	1,482	400	334	390	50	157	1,081	413
29	Harrison	1,173	452	884	457	38	353	251	438
30	Marion	848	449	369	330	191	888	286	491
31	Monongalia	749	410	296	388	63	274	380	453
32	Preston	3,592	348	774	299	289	327	2,464	368
33	Taylor	422	441	184	454	3	200	235	436



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 20,586	*Corn* 350	*Wheat* 6,164	*Wheat* 335	7,839	410	9,922	394	102,090	4.9	3,456	1
356	738	10	286	20	364	11	338	915	6.8	2,022	2
154	258	21	420	48	711	32	366	950	3.2	3,295	3
66	198	8	533	28	327	12	267	1,235	2.6	4,850	4
567	331	104	330	87	600	94	376	2,725	5.4	2,910	5
72	457	28	415	8	533	46	368	535	4.4	4,561	6
94	362	37	290	4	267	78	355	710	7.3	3,239	7
274	235	82	475	53	461	52	335	3,380	7.5	3,417	8
192	332	76	385	16	711	108	366	2,285	8.7	4,004	9
474	393	56	659	32	533	130	681	2,529	3.2	3,137	10
140	208	...	...	81	426	513	1,159	715	1.9	2,643	11
1,438	334	199	299	138	331	410	808	3,540	4.0	4,111	12
290	312	48	320	46	391	314	1,163	1,940	5.2	3,119	13
176	345	...	...	78	411	238	873	320	1.1	5,438	14
403	277	...	...	119	361	44	698	1,535	3.7	2,638	15
330	382	10	400	129	500	44	359	1,035	2.1	3,304	16
49	200	1	400	34	283	2	267	515	2.0	4,097	17
92	226	...	...	54	360	4	400	1,255	5.9	2,024	18
18	300	...	...	24	623	5	500	490	1.4	3,527	19
102	328	...	...	50	356	6	800	1,019	2.6	2,153	20
330	427	27	292	86	489	11	440	2,341	5.9	3,528	21
551	412	114	356	315	606	193	333	2,560	6.1	3,590	22
131	382	...	...	84	532	8	148	1,501	4.4	2,652	23
149	384	44	704	53	272	22	629	2,760	4.2	4,278	24
588	590	58	414	160	538	194	434	2,844	8.5	3,409	25
231	370	5	2,000	170	515	8	400	1,165	5.7	2,060	26
103	528	5	400	36	1,029	23	836	905	4.7	2,972	27
548	422	62	343	208	480	263	373	2,728	4.8	3,807	28
162	456	24	300	46	541	19	362	2,785	6.3	3,690	29
134	425	42	560	56	498	54	675	1,660	4.5	2,946	30
158	406	46	430	110	688	66	362	2,872	7.0	3,308	31
895	384	318	309	235	832	1,016	333	3,697	4.9	3,115	32
116	415	12	436	72	505	35	389	2,100	8.9	2,890	33

Table I.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	West Virginia—Continued								
	Area 4:								
1	Boone	167	336	18	248	3	300	144	344
2	Logan	123	324	1	200	1	400	118	317
3	McDowell	97	351	11	440	...	...	85	335
4	Mercer	1,280	333	244	259	41	373	971	350
5	Mingo	88	214	4	267	2	267	83	218
6	Raleigh	1,111	365	229	300	26	200	852	403
7	Wyoming	478	297	81	230	...	...	395	313
	Metropolitan Area C:								
8	Fayette	840	329	141	338	130	406	561	304
9	Kanawha	454	381	154	422	1	200	295	360
	Area 5:								
10	Grant	941	337	340	430	30	400	571	292
11	Greenbrier	3,764	405	640	388	367	364	2,735	408
12	Hampshire	3,839	375	543	367	246	451	3,056	370
13	Hardy	1,605	326	277	323	176	343	1,167	330
14	Mineral	1,125	364	261	448	66	302	796	345
15	Monroe	3,355	384	809	430	328	386	2,194	365
16	Pendleton	1,239	323	347	372	161	351	726	296
17	Pocahontas	1,764	376	356	318	224	335	1,185	402
18	Randolph	1,565	415	406	285	97	447	1,059	489
19	Summers	1,412	333	192	371	27	540	1,172	327
20	Tucker	754	447	132	388	30	414	580	453
	Area 6:								
21	Berkeley	4,467	356	784	380	246	334	3,386	343
22	Jefferson	4,516	302	944	362	130	464	3,386	280
23	Morgan	1,644	356	100	500	100	580	1,439	336

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Wheat*	*Wheat*								
46	186	...	...	48	364	50	1,250	150	2.2	2,533	1
64	227	...	...	34	544	20	727	65	0.7	4,000	2
42	418	...	...	39	305	4	160	65	0.7	769	3
515	323	52	594	240	444	164	295	1,590	3.6	3,365	4
49	200	...	...	34	251	...	...	10	0.1	6,000	5
347	365	12	209	292	535	201	360	4,290	10.5	2,510	6
243	273	...	...	128	404	24	436	657	3.0	3,014	7
260	278	20	308	181	381	100	272	2,370	9.1	2,241	8
146	307	4	200	124	443	21	467	305	1.1	5,279	9
231	276	176	274	29	734	135	309	772	2.4	4,311	10
1,314	395	675	390	193	558	553	427	5,119	6.9	3,551	11
853	350	467	382	1,079	337	657	473	2,346	3.6	4,348	12
602	322	301	318	42	694	222	335	1,918	5.0	2,682	13
326	325	119	290	179	514	172	313	952	3.4	3,634	14
1,180	389	624	341	56	356	334	335	5,238	7.9	3,676	15
340	290	241	298	22	478	123	290	1,449	3.7	4,312	16
573	468	163	402	139	329	310	347	2,448	6.7	5,244	17
490	470	24	294	289	781	256	381	4,520	9.3	3,284	18
550	325	220	330	143	433	259	289	1,500	4.7	3,905	19
248	454	16	267	114	844	202	375	1,150	6.3	3,743	20
1,091	326	507	293	732	438	1,056	339	3,450	4.9	4,783	21
1,274	281	806	285	554	240	752	309	2,450	3.2	3,057	22
419	362	300	390	468	287	252	350	1,730	7.7	3,584	23

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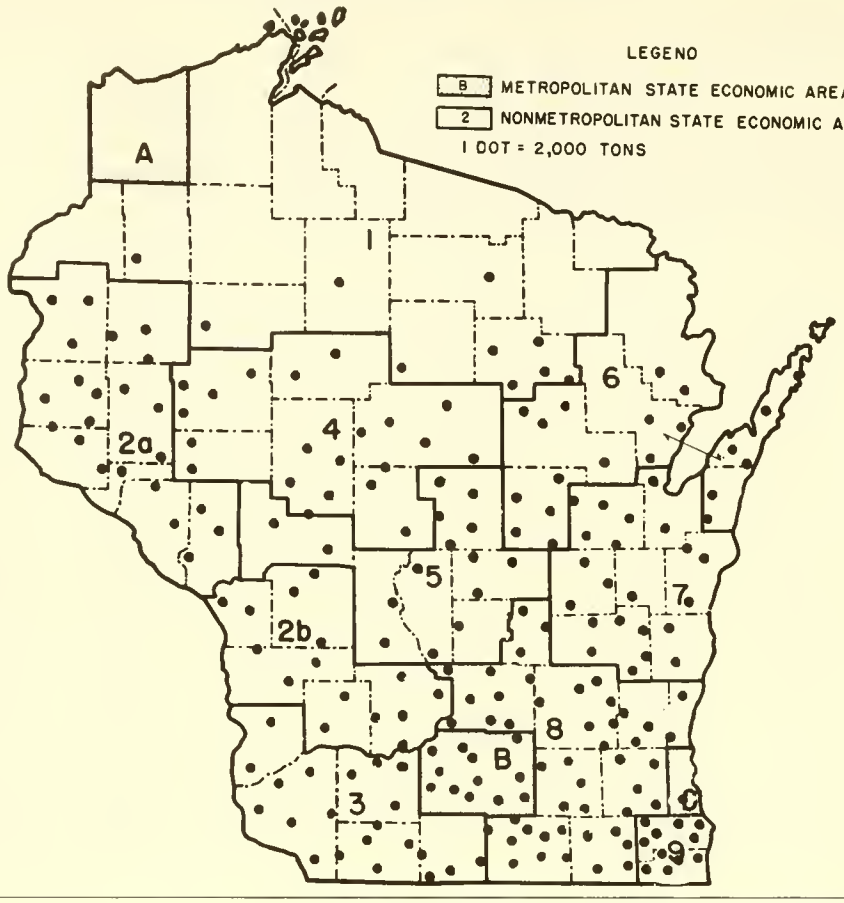
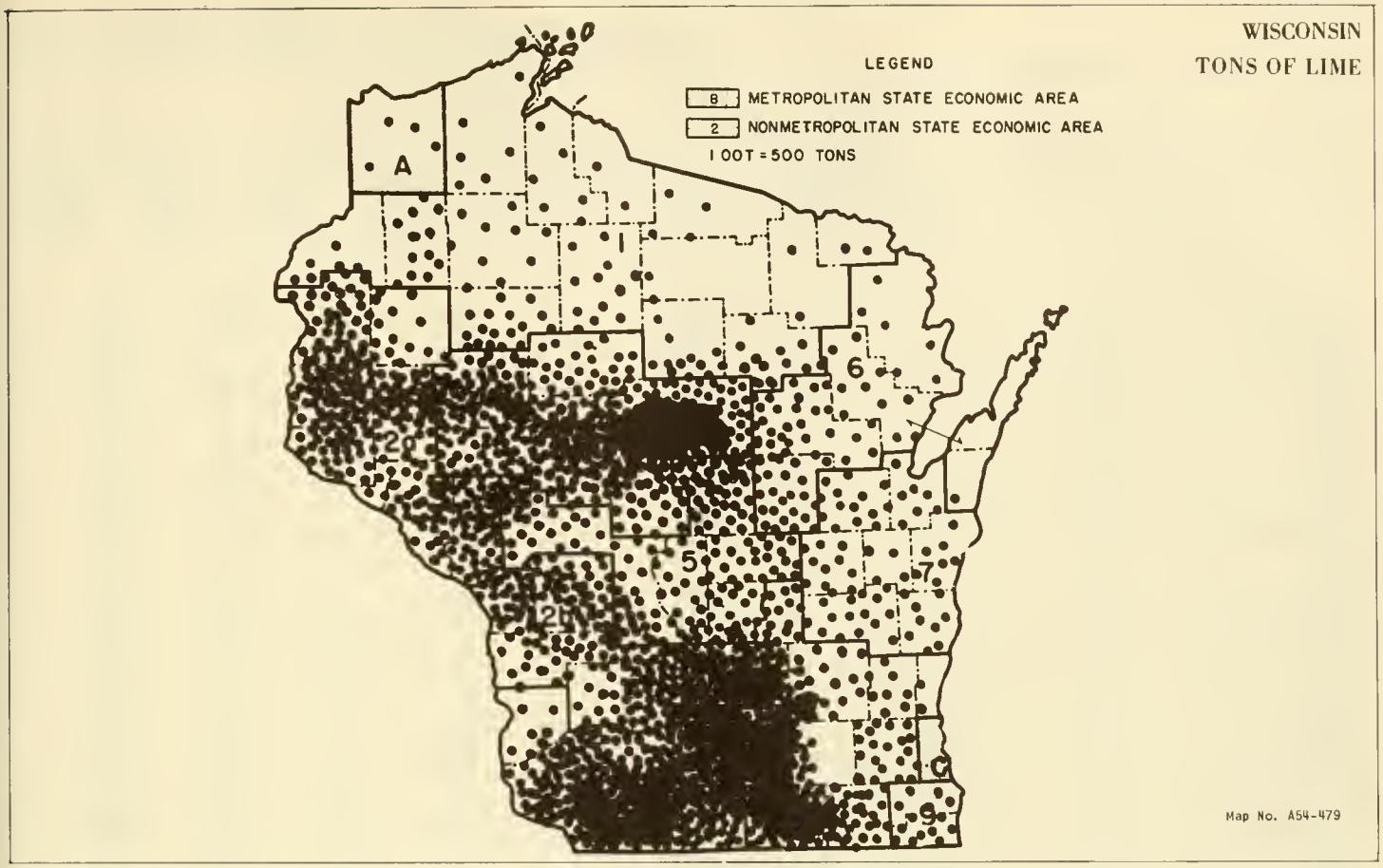
TONS OF FERTILIZER



Map No. A54-478

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Wisconsin, total	432,659	224	32,909	257	4,854	261	393,394	219
	Area 1:								
2	Ashland	434	282	98	392	22	367	315	256
3	Bayfield	583	258	42	202	4	229	537	263
4	Burnett	976	178	82	269	16	320	872	168
5	Florence	296	304	48	267	...	...	248	312
6	Forest	383	295	105	259	12	300	266	312
7	Iron	388	419	22	183	...	...	366	455
8	Langlade	10,070	583	430	257	12	145	9,583	618
9	Lincoln	2,058	238	142	257	24	253	1,893	236
10	Oneida	2,110	582	118	436	...	...	1,986	593
11	Price	1,262	332	172	290	18	379	1,062	336
12	Rusk	2,114	223	124	225	32	291	1,917	221
13	Sawyer	603	248	61	301	4	533	538	242
14	Vilas	205	308	87	260	...	...	118	358
15	Washburn	2,179	296	223	225	19	271	1,921	300
	Metropolitan Area A:								
16	Douglas	536	306	172	271	18	160	341	338
	Area 2a:								
17	Barron	6,766	208	386	249	70	292	6,309	206
18	Buffalo	4,766	209	392	262	76	180	4,299	203
19	Dunn	6,386	195	331	252	28	238	6,044	193
20	Pepin	1,522	180	76	196	60	171	1,424	184
21	Pierce	4,750	160	167	218	39	284	4,544	158
22	Polk	5,834	184	295	221	55	237	5,440	178
23	St. Croix	9,290	178	366	244	31	185	8,844	174
24	Trempealeau	6,308	220	476	304	84	287	5,745	215
	Area 2b:								
25	La Crosse	3,973	220	101	292	46	329	3,825	216
26	Monroe	6,401	217	532	281	182	210	5,679	212
27	Richland	4,973	224	310	241	151	300	4,499	218
28	Sauk	9,169	195	388	278	176	287	8,528	188
29	Vernon	6,580	258	226	240	106	339	6,107	251
	Area 3:								
30	Crawford	3,385	208	148	285	50	308	3,166	201
31	Grant	11,751	195	770	389	263	307	10,723	185
32	Green	8,111	177	688	224	289	290	7,133	170
33	Iowa	8,224	193	438	270	280	234	7,619	188
34	Lafayette	9,274	185	374	274	232	253	8,664	179



LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn 206,505	*Corn* 199	*Oats* 125,610	*Oats* 206	43,410	495	17,869	296	515,151	4.0	3,870	1
43	257	252	253	10	1,000	10	182	1,350	3.0	4,622	2
75	240	328	258	84	326	50	250	1,627	2.3	3,544	3
631	158	211	197	15	265	15	240	1,245	1.8	4,498	4
86	341	140	273	12	686	10	800	700	4.3	3,329	5
42	280	204	308	14	583	6	387	715	3.2	3,021	6
2	100	134	253	172	1,042	58	644	355	3.0	4,535	7
726	312	1,821	290	6,926	1,076	110	239	3,301	3.4	3,621	8
575	245	1,195	234	13	200	110	224	3,000	3.8	4,110	9
48	324	284	209	1,640	914	14	280	621	1.9	3,005	10
443	294	580	381	3	200	36	306	2,905	4.8	3,976	11
1,149	208	684	248	30	261	54	200	4,395	4.3	4,027	12
228	200	281	284	...	...	29	305	1,861	5.1	4,614	13
15	286	48	282	...	...	55	512	1,000	13.1	3,680	14
861	208	332	202	694	1,405	34	249	2,820	4.0	4,220	15
12	137	288	333	13	473	28	982	767	1.2	4,772	16
3,905	200	2,230	215	50	253	124	251	16,895	6.8	4,066	17
2,913	206	1,286	202	18	180	82	141	7,180	3.9	4,476	18
4,096	179	1,833	229	72	410	43	122	13,150	4.7	3,501	19
794	166	360	183	218	276	52	277	1,840	2.5	4,582	20
3,404	159	1,050	159	10	182	80	134	6,645	3.3	4,212	21
3,894	170	1,384	199	28	204	134	231	7,420	3.4	5,478	22
5,400	170	2,792	171	362	390	290	170	13,360	4.7	3,946	23
3,456	204	1,719	209	93	177	477	449	10,048	3.9	4,011	24
2,296	205	1,252	222	31	564	246	323	7,975	6.7	3,935	25
3,174	193	2,209	227	211	472	85	607	13,075	6.2	3,023	26
2,928	206	1,448	236	5	2,000	118	403	4,310	2.7	4,281	27
5,145	182	2,991	195	230	212	162	223	12,697	5.0	4,801	28
3,524	218	1,453	229	22	326	1,108	633	9,225	4.0	2,920	29
2,171	189	748	199	6	300	241	531	2,635	1.9	2,698	30
7,834	184	2,784	183	51	249	54	322	20,705	5.7	4,388	31
4,728	168	2,352	173	13	1,040	40	314	10,242	3.8	4,776	32
4,970	186	2,212	182	327	272	110	251	11,280	5.0	5,721	33
6,108	173	2,374	198	...	...	182	177	14,752	5.9	6,178	34

Table 1.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

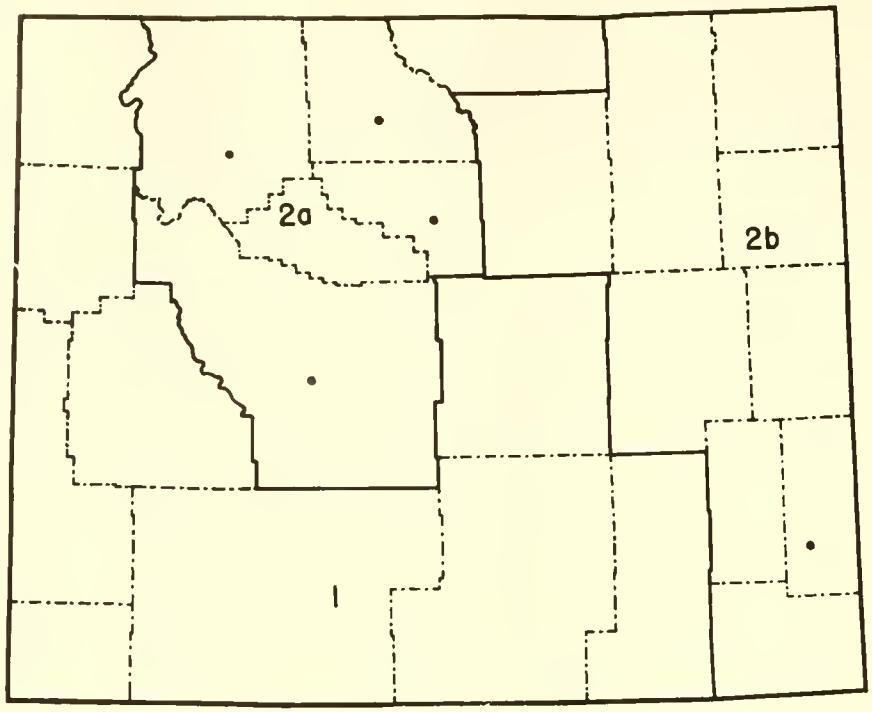
	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
	Wisconsin--Continued								
	Area 4:								
1	Chippewa	7,551	196	551	213	58	172	6,946	196
2	Clark	9,850	216	507	187	88	232	9,080	211
3	Eau Claire	3,631	217	242	211	46	329	3,346	215
4	Marathon	12,841	233	1,295	227	153	171	11,411	236
5	Taylor	3,758	267	276	360	46	347	3,402	259
6	Wood	4,480	211	316	314	29	181	4,059	200
	Area 5:								
7	Adams	3,098	226	386	262	26	416	2,686	221
8	Jackson	4,058	204	133	278	35	219	3,883	199
9	Juneau	4,397	200	172	165	41	315	4,190	201
10	Marquette	2,816	222	399	260	74	235	2,398	222
11	Portage	10,010	314	472	218	14	295	9,634	319
12	Waushara	6,605	239	596	251	62	365	5,942	236
	Area 6:								
13	Door	5,499	289	883	251	8	160	4,595	296
14	Kewaunee	3,128	239	536	247	16	376	2,570	238
15	Marinette	4,284	253	748	248	5	286	3,505	256
16	Oconto	6,497	241	988	228	46	449	5,466	241
17	Shawano	7,131	237	1,312	253	8	33	5,769	232
18	Waupaca	8,965	281	1,091	308	18	200	7,956	281
	Area 7:								
19	Brown	3,270	259	366	256	30	429	2,874	258
20	Calumet	1,508	228	194	291	8	133	1,284	217
21	Fond du Lac	11,035	202	672	232	28	267	10,208	197
22	Manitowoc	5,618	240	1,186	289	72	280	4,328	228
23	Outagamie	10,246	233	1,028	210	106	232	9,075	237
24	Sheboygan	4,393	226	492	255	44	326	3,770	217
25	Winnebago	5,719	193	283	223	10	211	5,441	190
	Area 8:								
26	Columbia	15,189	197	651	195	66	210	14,337	196
27	Dodge	14,723	204	552	234	72	297	13,991	199
28	Green Lake	5,442	175	172	270	...	...	5,187	170
29	Jefferson	9,056	214	560	265	122	265	8,390	210
30	Ozaukee	3,316	242	294	317	31	302	2,994	234
31	Rock	17,401	213	1,223	258	255	259	15,771	206
32	Walworth	12,871	228	1,342	400	326	405	11,174	212
33	Washington	5,792	239	431	248	16	256	5,326	223
34	Waukesha	9,113	264	993	277	98	282	8,002	257
	Metropolitan Area B:								
35	Dane	23,602	204	1,720	237	366	290	21,358	200
	Area 9:								
36	Kenosha	9,122	327	798	335	20	133	8,225	320
37	Racine	12,318	339	576	308	5	200	11,699	338
	Metropolitan Area C:								
38	Milwaukee	2,666	318	83	322	7	400	2,567	320

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Corn	*Corn*	*Oats*	*Oats*								
3,941	184	2,693	206	220	414	92	233	15,960	6.1	4,033	1
4,084	210	4,829	211	33	340	134	210	19,260	6.3	3,877	2
1,642	173	988	207	512	937	204	274	8,424	4.7	3,641	3
3,611	224	6,226	213	781	662	793	410	26,855	6.9	4,757	4
1,238	264	2,098	263	14	233	52	131	7,255	5.2	4,123	5
1,854	187	1,776	203	323	269	106	268	7,813	4.3	4,195	6
1,356	182	846	216	397	1,185	87	192	4,394	4.3	4,318	7
2,229	180	1,347	214	190	434	117	302	7,437	4.5	4,254	8
2,408	196	1,590	209	66	159	126	225	6,740	5.0	4,220	9
1,328	191	720	218	274	960	76	269	5,563	5.1	2,996	10
2,598	227	3,404	249	3,122	955	510	279	12,762	5.0	3,318	11
2,658	198	1,992	215	954	838	338	249	8,250	4.3	2,656	12
607	242	1,506	216	2,179	415	303	372	290	0.2	1,241	13
703	243	1,323	218	55	244	489	306	1,045	0.7	1,349	14
1,600	250	1,619	245	138	550	148	325	2,352	1.7	2,389	15
2,282	222	2,496	232	564	612	124	186	3,825	2.0	2,625	16
2,142	204	3,340	243	155	697	132	322	10,153	4.2	2,725	17
3,156	214	2,850	240	1,676	1,496	274	485	8,540	3.8	2,851	18
1,115	250	1,224	237	334	376	201	328	4,220	1.8	1,623	19
591	234	451	197	42	221	200	217	3,480	2.4	1,079	20
5,120	187	3,010	176	1,346	274	732	279	6,485	2.0	2,271	21
992	231	2,279	200	310	357	747	308	3,555	1.4	1,947	22
4,474	229	3,339	211	750	434	512	318	10,030	3.7	1,352	23
1,561	208	1,405	208	474	262	330	249	8,195	3.8	1,096	24
2,956	196	1,821	178	264	201	400	208	5,760	3.0	1,875	25
8,008	199	3,721	169	2,261	236	347	265	17,337	6.0	4,863	26
8,351	201	3,352	176	1,656	230	632	261	10,806	2.9	2,251	27
2,519	160	1,627	158	927	246	114	194	2,565	1.9	5,602	28
5,729	208	1,725	176	766	388	170	267	4,980	2.2	2,072	29
1,474	250	792	214	512	211	216	283	690	0.7	3,014	30
10,785	205	4,070	195	420	312	496	285	20,240	5.9	5,305	31
7,640	209	2,860	198	116	400	558	393	7,895	3.3	3,754	32
2,565	227	1,614	186	557	254	590	349	2,590	1.5	2,614	33
4,149	221	2,137	238	1,550	566	166	255	8,618	4.2	2,303	34
13,808	196	5,199	179	1,357	315	994	334	23,395	4.6	5,160	35
3,483	254	1,696	256	2,230	925	816	279	3,266	2.9	2,684	36
4,961	257	1,800	223	3,968	1,009	970	296	3,375	2.5	1,363	37
1,111	288	586	262	544	663	326	296	655	1.6	2,290	38

WYOMING

TONS OF FERTILIZER



LEGEND

8 METROPOLITAN STATE ECONOMIC AREA

2 NONMETROPOLITAN STATE ECONOMIC AREA

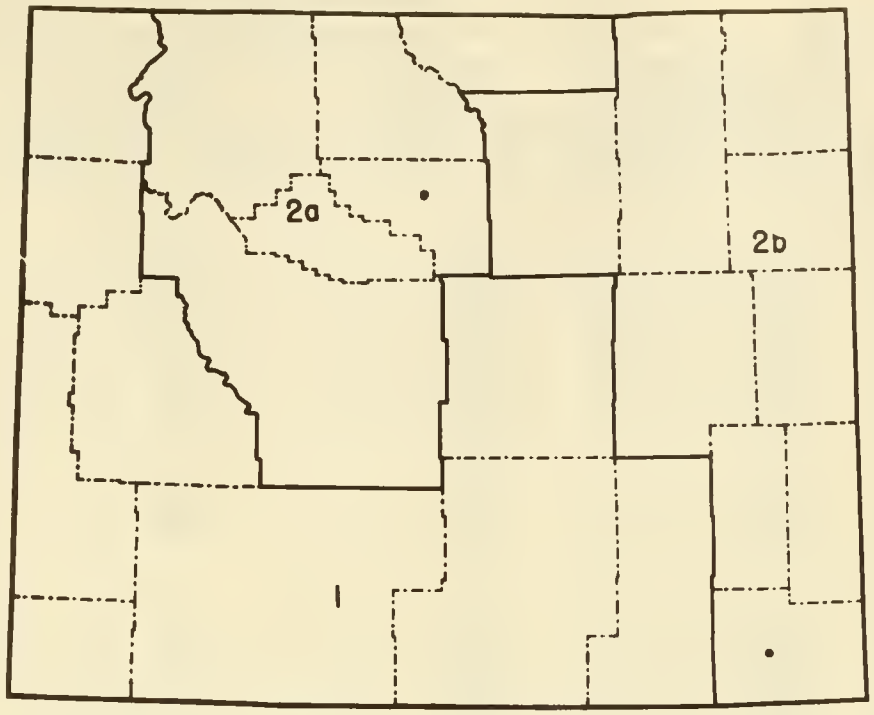
1 DOT = 2,000 TONS

Map No. A54-482

Table 1.-USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

	State, economic area, and county	Fertilizer							
		All crops and all pasture fertilized		Hay and cropland pasture fertilized		Other pasture fertilized		All crops fertilized except hay	
		Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)
1	Wyoming, total	11,740	194	3,787	169	239	210	7,745	209
	Area 1:								
2	Albany	42	168	42	168	...	...	...	...
3	Carbon	132	186	64	168	4	200	64	212
4	Lincoln	142	253	141	268	...	...	1	100
5	Natrona	134	265	2	200	2	200	132	272
6	Sublette	68	112	67	113	...	...	1	91
7	Sweetwater	51	551	51	551	...	...	...	...
8	Teton	29	157	52	285	2	80	4	107
9	Uinta	28	371	20	345	...	...	8	457
10	Yellowstone National Park	...	...	...	...	...	...	...	...
	Area 2a:								
11	Big Horn	1,784	202	555	149	20	200	1,209	242
12	Fremont	1,783	195	558	197	68	223	1,167	195
13	Hot Springs	92	207	47	185	...	...	46	241
14	Park	2,280	177	847	156	33	150	1,389	192
15	Sheridan	431	182	237	147	78	312	116	230
16	Washakie	1,171	201	233	139	...	...	938	226
	Area 2b:								
17	Campbell	13	186	10	200	...	...	3	150
18	Converse	224	360	170	402	2	100	52	289
19	Crook	38	156	13	104	...	...	25	213
20	Goshen	2,505	197	326	158	1	80	2,178	204
21	Johnson	173	179	127	170	25	179	21	259
22	Laramie	131	192	35	172	4	123	92	206
23	Niobrara	...	...	...	...	...	...	...	...
24	Platte	391	164	136	154	...	...	255	169
25	Weston	98	228	54	226	...	...	44	229

Z 0.05 percent or less.



WYOMING
TONS OF LIME

Map No. A54-483

LIME, BY ECONOMIC AREAS AND BY COUNTIES: CENSUS OF 1954—Continued

Fertilizer—Continued								Lime			
Specified crops fertilized		Specified crops fertilized		Fruits, vegetables, and potatoes fertilized		Other crops fertilized except hay		Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)	Total quantity used (tons)	Quantity used per acre (pounds)				
Sugar beets 4,430	*Sugar beets* 260	*Wheat* 326	*Wheat* 180	428	260	2,561	154	955	(Z)	1,321	1
...	...	...	...	...	...	...	...	...	...	...	2
...	...	24	175	...	...	40	243	...	...	...	3
...	...	1	100	...	...	...	...	...	...	...	4
...	...	4	160	18	120	110	355	...	...	...	5
...	...	...	...	...	...	1	91	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	7
...	...	...	...	4	107	...	...	...	...	...	8
...	...	...	...	...	...	8	457	...	...	...	9
...	...	...	...	...	...	...	...	...	...	...	10
893	274	51	229	90	225	175	157	...	...	...	11
512	312	93	170	63	481	499	136	...	...	...	12
28	280	...	...	...	...	18	200	...	...	...	13
390	299	110	207	141	361	748	150	...	...	...	14
87	282	12	122	1	200	16	173	...	...	...	15
698	277	5	133	...	...	235	147	635	1.5	1,024	16
...	...	...	...	...	...	3	150	...	...	...	17
4	154	1	67	1	667	46	335	20	(Z)	600	18
...	...	6	200	...	...	19	217	...	...	...	19
1,629	232	12	134	89	197	448	145	...	...	...	20
15	273	1	100	...	...	5	313	...	...	...	21
18	267	...	...	21	280	53	174	300	(Z)	2,000	22
...	...	...	...	...	...	...	...	...	...	...	23
156	218	6	96	...	...	93	128	...	...	...	24
...	...	...	...	...	...	44	229	...	...	...	25

USE OF FERTILIZER AND LIME

Table 2.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

[For data for 20 irrigated

	State and economic area	Fertilizer											
		All crops and all pasture fertilized			Hay and cropland pasture fertilized			Other pasture fertilized			All crops fertilized except hay		
		Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)
1	28 States, total	89,148,389	34.8	328	9,292,501	11.9	337	2,734,652	5.9	336	77,031,432	58.8	327
2	Alabama, total	4,780,271	53.9	403	575,991	26.5	401	351,461	14.3	370	3,836,950	90.3	408
3	Area 1	699,427	60.4	365	74,343	23.8	342	30,081	16.2	306	593,411	89.9	372
4	Area 2	619,643	70.7	446	34,932	29.3	414	20,647	13.9	362	560,958	92.2	454
5	Areas 3 and A	360,331	53.6	402	53,550	25.6	395	24,595	17.5	373	279,290	86.6	410
6	Areas 4 and B	278,391	43.6	389	48,479	22.6	389	27,569	14.2	385	201,280	88.2	391
7	Area 5	616,320	53.1	386	81,823	25.8	430	48,720	16.0	353	483,628	89.6	383
8	Areas 6 and C	657,862	30.5	392	163,874	26.1	388	90,589	8.7	343	401,450	83.3	406
9	Area 7a	1,206,720	71.8	378	69,654	29.6	413	77,735	23.7	387	1,056,136	94.6	376
10	Area 7b	98,500	47.5	338	12,920	18.4	353	9,119	16.7	390	76,192	92.0	331
11	Areas 8 and D	243,077	74.4	638	36,416	51.1	522	22,406	47.0	512	184,605	88.9	674
12	Connecticut, total	151,256	28.1	884	74,894	22.6	453	9,134	7.0	472	68,022	89.6	1,403
13	Areas 1 and A	38,842	24.0	438	25,642	24.8	405	3,300	7.4	425	10,155	71.8	512
14	Areas B and C	66,196	41.1	1,319	22,792	26.5	462	1,946	6.2	430	41,713	95.6	1,820
15	Area 2	46,218	21.5	635	26,460	18.7	490	3,888	7.0	533	16,154	89.0	886
16	Delaware, total (Areas 1 and A)	315,992	62.4	475	30,955	26.7	368	4,385	12.4	272	280,179	78.9	491
17	Georgia, total	6,231,264	66.6	398	708,747	39.2	352	519,247	28.1	324	4,981,441	87.5	414
18	Areas 1 and A	246,094	49.9	384	50,594	40.3	373	29,598	17.9	304	166,027	82.3	401
19	Area 2	79,857	51.5	391	10,924	44.3	367	14,685	21.7	343	54,133	86.6	410
20	Areas 3 and B	429,061	52.6	394	60,767	33.1	341	45,085	16.3	278	321,034	90.3	422
21	Area 4a	636,702	56.8	414	116,087	39.2	352	82,343	24.3	321	436,667	90.1	449
22	Area 4b	316,031	42.2	342	73,644	27.0	327	47,614	19.9	275	194,412	81.8	365
23	Areas 5, C, and D	305,086	63.2	346	36,214	35.6	327	20,884	25.1	276	246,295	82.8	357
24	Area 6	895,782	74.6	334	95,579	47.3	315	47,906	41.5	300	750,262	85.0	340
25	Area 7a	628,416	70.1	387	58,209	40.2	351	58,695	35.8	340	509,206	86.7	399
26	Area 7b	1,337,172	79.4	408	95,117	41.5	356	89,033	51.3	335	1,148,347	89.6	420
27	Area 8	1,177,011	80.3	456	90,578	50.4	412	64,976	43.3	391	1,015,213	89.3	466
28	Areas 9 and E	180,052	62.9	472	21,034	42.6	360	18,428	25.1	370	139,845	85.4	504
29	Illinois, total	7,918,567	31.4	264	415,680	8.2	464	67,892	3.3	391	7,434,199	41.1	252
30	Areas 1, A, and B	937,716	34.0	238	56,395	7.5	452	7,380	2.5	399	878,716	51.4	222
31	Areas 2 and C	610,423	42.7	266	38,720	10.5	373	3,665	4.7	395	566,170	57.7	258
32	Area 3	601,536	17.7	310	43,650	5.9	652	6,180	1.5	530	552,470	24.6	280
33	Area 4	760,699	30.2	257	34,981	7.5	366	5,466	1.8	299	721,617	41.2	250
34	Area 5	434,425	32.8	328	34,230	14.4	480	1,390	3.7	568	398,900	38.0	314
35	Areas 6a, D, and E	831,960	28.1	292	37,264	8.8	487	8,872	4.2	435	787,386	33.9	280
36	Area 6b	1,488,692	30.8	317	86,118	12.2	563	11,226	6.3	429	1,386,413	35.1	301
37	Areas 7 and F	736,075	35.6	208	26,190	8.2	368	7,653	3.3	397	700,041	46.3	200
38	Area 8	587,915	42.4	197	17,993	5.3	278	4,165	4.4	351	566,392	59.5	193
39	Area 9	496,422	46.9	208	13,364	6.1	277	3,725	6.3	278	477,785	61.1	206
40	Area 10	277,964	38.3	210	10,710	5.7	333	2,660	3.9	365	264,999	56.5	204
41	Area 11	154,740	21.1	266	16,065	5.7	416	5,510	6.8	229	133,310	35.9	249
42	Indiana, total	8,050,566	54.9	259	478,213	12.7	275	78,343	6.0	267	7,459,345	77.8	259
43	Areas 1, A, and B	598,658	62.8	278	43,649	18.2	257	2,605	5.2	266	550,059	82.9	281
44	Area 2a	942,776	67.4	277	50,277	17.0	251	6,760	9.6	263	875,477	84.7	282
45	Area 2b	1,521,704	58.9	245	63,809	11.6	287	12,535	8.5	256	1,432,036	75.9	245
46	Areas 3 and C	1,014,711	53.5	240	73,200	13.2	270	8,765	7.2	269	931,076	76.1	238
47	Area 4	893,307	58.9	245	47,363	11.8	263	6,609	6.1	261	835,475	82.9	245
48	Areas 5 and D	1,204,772	58.8	248	52,918	9.8	269	6,850	5.8	229	1,139,094	81.8	249
49	Areas 6 and E	1,014,615	47.7	260	61,555	13.2	280	12,895	6.5	308	940,105	64.3	258
50	Area 7	418,501	42.6	294	53,612	13.9	297	11,394	6.1	282	352,741	86.1	295
51	Areas 8 and F	441,522	38.2	302	31,830	9.4	312	9,930	3.3	243	403,282	78.4	300
52	Iowa, total	7,038,509	23.8	175	467,570	6.5	215	62,470	1.7	184	6,531,355	35.2	171
53	Area 1a	772,084	24.2	181	58,630	10.7	225	7,282	2.1	161	707,039	30.9	178
54	Areas 1b, A, and B	990,775	25.3	159	55,619	5.4	178	14,964	4.5	164	921,748	35.9	157
55	Area 2a	730,660	33.5	176	98,056	24.6	226	7,934	6.1	159	623,670	37.7	169
56	Areas 2b and C	1,164,822	28.6	175	83,750	11.2	198	6,640	2.9	173	1,078,222	34.8	173
57	Area 3a	234,772	10.5	184	19,760	3.8	234	3,700	0.6	228	210,707	19.4	180
58	Area 3b	308,099	12.2	200	29,423	4.2	246	5,745	0.8	277	275,111	25.7	192
59	Area 4	1,489,574	32.6	158	55,125	4.4	206	5,530	1.1	158	1,440,545	51.5	155
60	Area 5	566,518	15.9	191	30,177	3.1	238	4,415	1.0	210	532,886	24.9	188
61	Areas 6 and D	781,205	24.0	192	37,030	3.6	223	6,260	1.8	199	741,427	39.4	190
62	Kentucky, total	2,768,319	24.7	402	588,856	9.3	322	95,257	5.4	299	2,085,249	67.0	430
63	Area 1	260,343	32.2	245	36,573	9.5	249	4,940	8.1	246	218,446	60.1	244
64	Area 2	243,762	34.3	259	27,067	8.6	303	3,110	8.3	327	213,323	59.4	252
65	Area 3a	402,145	31.4	299	61,798	8.9	317	10,670	8.1	340	329,856	72.8	294
66	Area 3b	250,808	32.1	391	56,590	11.8	336	4,996	6.5	359	189,792	83.6	407
67	Area 4	494,183	40.9	340	90,599	13.8	305	11,144	13.7	292	391,199	83.2	350
68	Area 5	370,606	31.6	403	103,287	14.4	312	16,223	10.3	309	251,660	84.6	446
69	Areas 6, A, and B	408,128	13.9	624	109,353	6.3	356	21,496	3.0	310	278,210	56.3	752
70	Area 7	142,180	13.6	684	48,468	7.5	311	11,577	5.6	241	82,387	44.3	963
71	Areas 8 and C	151,075	17.2	549	44,963	9.2	354	9,216	4.0	277	97,210	60.7	664
72	Area 9	45,089	11.9	362	10,158	5.0	361	1,885	2.5	283	33,166	32.9	365
73	Maine, total	247,611	19.9	1,372	46,801	6.2	482	3,880	2.0	559	197,533	67.4	1,595
74	Area 1	151,666	42.9	1,780	4,638	3.7	437	400	1.7	940	147,463	72.4	1,814
75	Area 2	48,687	13.0	809	19,911	7.6	509	1,989	2.6	607	26,540	74.4	1,056
76	Area 3	12,984	6.6	730	5,427	4.5	462	523	1.1	302	7,049	23.7	967
77	Areas 4 and A	34,274	10.8	611	16,825	6.8	468	968	2.0	440	16,481	68.9	767

NA Not available. [1]Over 100 percent. See text.

LIME, BY ECONOMIC AREAS, FOR 28 SPECIFIED STATES: CENSUS OF 1954

States, see Table 3]

Fertilizer—Continued											Lime			
Specified crops fertilized			Specified crops fertilized			Fruits, vegetables, and potatoes fertilized			Other crops fertilized except hay			Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)				
Corn			*Cotton*												
41,839,038	70.7	268	(NA)	(NA)	(NA)	3,040,710	71.9	832	(NA)	(NA)	(NA)	9,289,892	4.0	3,384	1
2,151,309	94.3	315	1,132,392	99.1	533	111,278	70.2	881	441,971	66.5	404	229,006	2.8	1,775	2
268,863	92.6	276	280,999	99.5	468	2,955	59.4	724	40,594	49.3	297	33,449	2.9	2,309	3
372,602	95.5	362	151,785	98.1	631	23,689	97.8	711	12,882	32.5	448	15,982	1.9	1,995	4
172,940	91.2	325	81,245	98.4	559	7,814	77.2	694	17,291	43.1	382	27,185	3.8	1,761	5
128,707	95.6	300	58,060	99.6	583	5,516	67.4	517	8,997	33.2	321	21,682	3.3	1,784	6
285,426	93.4	282	154,883	98.5	529	17,259	77.4	678	26,060	47.8	410	33,952	2.9	1,751	7
180,114	84.7	294	162,772	98.1	516	4,608	31.0	533	53,956	60.7	427	32,895	2.1	1,786	8
603,079	98.1	301	209,439	100.6	531	17,737	55.0	578	225,881	86.3	411	49,974	3.0	1,360	9
55,605	93.3	274	16,350	100.8	482	1,369	[1]132.3	536	2,868	48.2	464	2,639	1.4	1,714	10
83,973	98.0	513	16,859	99.4	702	30,331	74.7	1,506	53,442	83.1	439	11,248	3.4	1,783	11
			Tobacco												
26,276	78.4	555	14,334	102.8	3,450	23,141	74.8	1,184	4,271	([1])	711	39,384	8.3	2,173	12
7,286	69.8	473	30	78.9	5,333	1,581	42.8	423	1,258	([1])	566	10,147	7.4	2,355	13
9,948	88.9	608	13,234	102.9	3,530	16,651	79.9	1,258	1,880	([1])	834	17,075	11.3	1,804	14
9,042	76.1	564	1,070	102.3	2,407	4,909	76.8	1,175	1,133	([1])	667	12,162	6.5	2,541	15
			Wheat												
148,519	85.7	400	29,605	88.9	392	36,969	76.2	1,046	65,086	65.0	420	48,761	9.4	1,595	16
			Cotton												
2,692,898	98.1	313	974,756	98.9	564	253,175	66.8	665	1,060,612	67.0	466	366,740	3.8	1,525	17
94,441	94.2	320	53,861	98.2	539	3,840	67.9	659	13,885	33.9	345	23,705	4.4	2,467	18
43,833	95.3	381	1,885	96.7	511	5,006	96.0	627	3,409	36.4	392	10,688	6.3	2,179	19
164,884	95.9	346	77,909	97.5	605	16,382	93.0	614	61,859	71.8	329	37,639	4.1	1,406	20
147,984	96.0	343	152,393	99.4	613	19,730	73.3	587	116,560	77.5	339	58,170	5.2	1,473	21
93,622	95.5	270	59,269	98.6	496	9,220	58.1	601	32,301	50.7	321	37,399	5.2	1,303	22
130,179	97.5	260	49,546	97.2	545	17,710	63.1	572	48,860	57.4	347	16,016	3.0	1,784	23
435,224	98.0	255	182,905	98.5	517	14,313	43.7	436	117,820	53.4	352	24,962	1.9	1,334	24
216,792	98.0	331	76,350	99.5	569	28,746	53.8	524	187,318	79.4	386	34,407	3.7	1,469	25
573,600	99.9	330	174,654	99.7	593	67,030	60.8	657	333,063	78.9	431	74,933	4.2	1,434	26
686,504	99.0	319	137,351	99.9	554	64,474	87.4	843	126,884	54.8	967	36,888	2.5	1,404	27
105,835	97.5	365	8,633	94.5	637	6,724	71.1	824	18,653	50.9	1,098	11,933	4.2	1,566	28
			Wheat												
5,205,506	57.7	234	1,077,344	70.3	244	103,268	61.2	367	1,048,081	14.2	324	1,122,871	4.7	4,477	29
715,376	70.7	202	6,800	57.4	271	36,340	82.1	302	120,200	18.7	298	106,943	4.3	5,127	30
429,795	79.3	231	12,927	68.3	305	22,739	71.6	530	100,709	25.9	303	59,456	4.3	3,557	31
424,942	32.8	245	28,398	37.7	324	3,696	55.2	250	95,434	11.0	415	150,005	4.9	4,534	32
479,550	58.7	242	162,392	62.4	249	5,335	49.9	323	74,340	11.2	289	112,539	4.9	4,521	33
282,935	48.3	301	9,270	73.8	316	7,866	84.8	359	98,829	22.3	330	63,962	4.9	4,149	34
527,996	50.4	259	171,334	66.2	274	2,323	22.5	501	85,733	8.5	397	146,466	5.2	4,305	35
974,417	51.0	277	150,738	77.0	301	7,424	27.7	346	253,834	13.9	376	237,525	5.0	4,075	36
380,141	70.4	194	235,942	66.6	199	4,474	46.7	389	79,484	13.1	219	80,852	4.1	5,083	37
389,352	86.6	177	110,890	98.1	224	2,320	59.2	287	63,830	16.6	213	60,890	4.4	5,297	38
327,039	81.5	195	107,657	87.6	213	631	49.8	279	42,458	16.6	253	41,199	3.8	4,567	39
176,779	78.3	194	64,636	90.0	215	1,165	66.9	336	22,419	13.2	205	31,223	4.2	5,272	40
97,184	49.4	231	16,360	44.3	244	8,955	72.9	298	10,811	8.6	365	31,811	4.3	4,013	41
4,442,221	93.2	264	1,178,464	91.4	267	80,813	74.0	516	1,757,847	51.3	221	887,850	6.3	3,964	42
308,613	95.7	288	99,904	92.0	272	9,027	82.6	699	132,515	59.8	233	56,826	5.9	4,395	43
513,633	97.2	303	96,587	91.5	293	8,961	93.0	755	256,296	65.7	219	76,151	5.5	4,401	44
881,075	95.1	255	195,928	94.1	266	10,022	71.9	423	345,011	46.8	197	163,588	6.5	3,643	45
503,173	93.2	237	154,307	87.3	254	10,770	[1]103.2	642	262,826	52.9	206	88,044	4.8	3,168	46
466,843	95.5	251	121,445	95.8	265	8,538	[1]104.1	447	238,649	62.2	203	59,904	4.1	3,846	47
673,472	94.6	254	179,690	93.0	251	13,100	77.1	445	272,832	58.1	217	136,031	6.8	3,660	48
622,108	85.2	258	189,622	88.2	259	9,694	51.6	347	118,681	23.9	230	150,890	7.3	4,030	49
226,058	93.5	287	50,703	93.0	308	2,731	50.9	391	73,249	67.9	301	74,189	8.2	4,498	50
247,246	88.8	279	90,278	89.5	286	7,970	53.4	425	57,788	48.1	385	82,227	8.6	4,739	51
4,837,313	47.1	168	45,736	42.3	164	12,246	23.6	317	1,636,060	20.1	176	728,120	2.8	4,230	52
415,602	35.2	184	3,342	[1]269.1	170	80	3.5	300	288,015	26.1	167	31,045	1.1	3,067	53
682,669	44.5	161	20,448	32.1	115	739	19.0	208	217,892	22.6	146	40,155	1.1	3,463	54
464,562	56.8	162	750	[1]277.8	235	745	16.9	226	157,613	19.0	184	10,106	0.5	2,494	55
738,999	45.8	171	2,515	[1]145.0	178	2,679	28.7	221	334,029	22.6	171	33,460	0.9	3,309	56
142,747	22.7	180	2,180	30.7	213	75	6.2	720	65,705	14.6	178	68,815	4.1	3,536	57
182,515	31.7	190	4,916	49.0	199	405	28.9	217	87,275	18.1	192	106,257	5.7	3,936	58
1,241,628	79.6	150	4,025	[1]155.4	179	3,996	31.4	381	190,896	15.6	179	125,735	3.1	4,977	59
375,924	30.4	188	1,247	23.2	162	1,565	16.1	212	154,150	17.4	183	158,834	5.0	4,273	60
592,667	52.5	178	6,313	39.0	253	1,962	28.6	481	140,485	19.3	226	153,713	5.2	4,837	61
			Tobacco												
1,543,489	78.8	275	261,478	95.5	1,425	21,448	59.4	722	258,834	30.7	298	593,179	5.5	3,649	62
178,324	76.0	200	12,788	88.9	802	960	28.7	571	26,374	23.7	242	61,984	7.2	3,336	63
178,066	77.7	217	9,404	81.2	854	370	42.4	481	25,483	21.7	257	39,920	5.5	3,436	64
284,238	85.9	235	14,767	97.4	1,231	1,580	54.2	818	29,271	28.1	344	92,381	6.9	3,520	65
138,620	95.7	298	16,338	98.3	1,514	880	77.8	609	33,954	52.6	310	36,077	4.7	4,191	66
276,363	97.8	269	31,357	96.2	1,183	841	43.8	966	82,638	54.0	285	102,389	8.2	3,858	67
194,106	92.0	294	28,499	97.6	1,519	3,463	86.2	814	25,592	48.2	335	51,152	4.4	4,050	68
164,369	60.7	380	84,817	95.3	1,586	4,122	55.7	757	24,902	19.6	327	115,348	4.8	3,585	69
32,477	50.9	450	41,351	99.2	1,488	453	43.6	724	8,106	10.2	259	36,835	4.2	3,736	70
70,823	62.4	381	20,324	95.1	1,614	3,859	73.0	815	2,204	11.0	510	37,503	4.5	3,533	71
26,103	33.7	268	1,833	81.8	1,201	4,920	60.0	552	310	2.4	452	19,590	4.3	2,976	72
10,066	88.9	702	...	...	...	155,398	92.9	1,888	32,069	28.0	433	55,835	4.3	1,452	73
125	71.4	1,568	...	...	...	125,617	95.2	2,071	21,721	30.4	311	29,088	7.6	850	74
4,459	93.5	764	...	...	...	15,552	84.9	1,278	6,529	51.8	697	13,149	3.7	1,983	75
1,365	90.5	733	...	...	...	3,998	88.1	1,131	1,686	7.1	762	3,558	1.6	1,958	76
4,117	84.5	598	...	...	...	10,231	82.3	861	2,133	32.2	599	10,040	3.0	2,322	77

Table 2.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

[For date for 20 irrigated

	State and economic area	Fertilizer											
		All crops and all pasture fertilized			Hay and cropland pasture fertilized			Other pasture fertilized			All crops fertilized except hay		
		Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)
1	Maryland, total	1,190,896	50.0	444	162,701	19.5	402	49,277	12.3	427	982,726	85.7	451
2	Area 1	30,599	20.6	358	7,402	10.7	325	1,055	2.2	379	22,019	70.6	370
3	Area 2	356,857	43.6	374	63,470	21.5	400	25,092	12.0	399	271,082	86.3	362
4	Areas A and B	167,964	41.6	513	32,754	18.2	426	13,003	17.4	487	123,301	82.5	534
5	Area 3	78,849	51.6	572	4,372	8.0	382	620	5.2	471	73,830	85.6	584
6	Area 4a	344,511	63.4	415	39,380	20.7	378	8,427	22.0	402	297,498	94.4	419
7	Area 4b	212,116	67.8	521	15,323	32.9	461	1,080	6.8	563	194,996	77.9	528
8	Massachusetts, total	165,324	27.6	691	89,662	23.3	447	5,139	4.3	472	70,544	74.4	1,018
9	Area 1	25,822	18.0	786	13,567	13.7	422	1,140	3.6	470	11,131	82.5	1,260
10	Area A	39,229	37.7	992	20,578	32.9	411	1,069	5.6	516	17,647	78.2	1,695
11	Area B	31,888	20.8	471	21,128	21.0	443	1,595	4.2	469	9,245	64.7	531
12	Area C	38,888	32.9	617	21,285	26.6	475	960	5.2	471	16,603	84.4	808
13	Areas 2, D, and E	29,497	37.2	545	13,104	30.4	490	375	3.3	373	15,918	64.4	598
14	Michigan, total	4,527,501	42.9	251	337,611	7.9	255	22,740	2.5	243	4,156,094	77.3	251
15	Area 1	18,780	9.3	349	3,576	2.5	200	80	0.3	225	15,079	47.2	386
16	Area 2	51,643	15.2	268	11,847	5.0	211	560	2.5	218	39,441	50.0	284
17	Area 3	114,228	27.7	283	13,790	6.6	261	1,060	1.9	291	99,403	67.7	285
18	Area 4a	160,410	19.7	283	16,881	3.6	253	1,730	1.3	253	142,758	65.0	285
19	Area 4b	118,837	19.0	244	12,172	3.2	237	1,370	2.2	231	105,095	57.2	245
20	Areas 5a and A	623,164	53.3	246	51,228	14.0	253	1,740	2.5	216	567,312	77.4	247
21	Area 5b	650,509	59.8	239	50,140	13.0	246	350	0.8	143	594,199	89.8	241
22	Areas 6a, B, and C	310,002	41.3	273	18,790	6.5	274	1,495	2.1	265	291,112	74.6	272
23	Area 6b	217,620	58.7	336	15,371	16.3	271	1,692	7.4	242	201,561	79.5	340
24	Areas 7, D, and E	903,340	45.4	228	55,982	7.6	257	5,648	2.9	261	840,338	79.2	226
25	Areas 8 and F	552,862	51.9	260	36,726	9.7	247	2,225	3.6	236	509,053	81.6	264
26	Area 9a	399,228	50.8	234	22,443	9.6	273	1,330	1.8	238	375,725	78.5	231
27	Areas 9b and G	406,878	43.0	241	28,665	8.4	273	3,460	3.7	228	375,018	73.0	238
28	Minnesota, total	4,186,811	17.6	151	402,976	7.5	207	34,777	1.4	167	3,748,872	23.7	145
29	Area 1	1,115,755	29.3	93	64,552	8.3	138	5,615	3.1	136	1,043,148	36.6	91
30	Areas 2 and A	62,509	5.5	180	9,152	1.4	219	700	0.4	217	52,677	18.6	172
31	Area 3	173,630	8.9	127	30,580	5.2	180	1,345	0.5	122	141,985	13.4	116
32	Area 4	216,762	17.2	161	15,840	3.6	211	1,555	0.6	140	199,367	34.3	157
33	Area 5	527,939	12.0	169	89,377	14.8	210	6,424	1.9	161	433,666	12.6	161
34	Areas 6 and B	696,221	16.1	180	52,497	4.5	240	6,953	1.0	176	636,912	25.4	175
35	Area 7	633,415	20.9	188	34,647	5.7	257	4,415	1.4	214	595,581	28.2	183
36	Area 8	760,580	19.6	168	106,331	19.2	219	7,770	2.3	169	645,536	21.6	160
37	Mississippi, total	4,449,804	42.8	318	407,027	19.1	280	224,228	6.8	263	3,810,332	76.3	326
38	Area 1	1,344,777	58.8	216	68,621	25.1	150	32,738	23.1	127	1,237,197	66.1	223
39	Area 2	686,898	35.0	342	50,497	11.5	260	29,617	4.3	233	611,297	73.3	351
40	Areas 3 and A	378,678	28.4	346	67,539	16.9	301	44,453	7.2	273	266,721	83.5	370
41	Area 4	426,621	42.9	379	17,969	13.3	330	11,634	3.1	256	395,193	82.5	387
42	Area 5	327,532	27.8	336	33,808	13.2	308	24,526	4.4	284	269,399	73.8	343
43	Area 6a	699,869	48.0	372	86,584	24.5	314	44,869	9.0	310	564,953	93.3	388
44	Area 6b	344,017	43.8	356	38,748	27.9	256	16,525	4.8	269	287,557	94.6	376
45	Area 7	206,329	62.4	434	31,023	32.3	360	16,860	34.3	380	158,166	85.3	454
46	Area 8	35,083	48.7	435	12,238	38.3	445	3,006	23.6	346	19,849	72.5	441
47	Missouri, total	6,122,630	26.5	220	544,565	7.7	284	143,012	2.3	291	5,431,612	55.3	212
48	Areas 1 and A	699,722	20.7	213	58,673	6.3	321	19,624	2.5	297	623,579	37.6	200
49	Area 2a	697,132	17.0	221	60,734	5.6	329	18,754	1.2	319	616,599	41.3	207
50	Area 2b	1,151,571	30.5	249	75,724	7.7	313	28,163	2.9	314	1,050,852	58.0	241
51	Area 3	1,092,837	33.8	176	56,433	9.1	234	24,544	2.1	276	1,006,160	68.6	171
52	Area 4	386,984	38.0	200	50,078	13.5	230	8,966	3.3	216	328,108	87.9	195
53	Area 5	300,755	23.0	215	36,585	5.9	278	6,744	1.7	275	257,647	85.3	204
54	Areas 6 and B	565,573	30.6	241	60,549	8.3	320	13,188	4.0	315	492,307	61.9	230
55	Area 7	477,787	22.6	223	93,890	8.7	248	12,677	1.9	268	369,248	99.4	216
56	Area 8	155,438	21.7	252	36,455	8.7	288	5,670	3.5	333	113,121	83.7	236
57	Area 9a	239,160	34.6	220	6,311	4.7	254	2,592	9.0	230	230,721	43.6	219
58	Area 9b	355,671	37.2	253	9,133	14.9	287	2,090	14.2	186	343,270	39.0	254
59	New Hampshire, total	69,416	15.4	514	46,362	14.8	410	3,174	2.9	419	19,864	68.5	771
60	Area 1	36,044	16.7	584	25,803	17.2	431	1,334	2.4	564	8,887	80.2	1,033
61	Areas 2 and A	33,372	14.1	438	20,559	12.6	384	1,840	3.3	314	10,977	61.4	559
62	New Jersey, total	612,597	56.3	776	119,625	27.9	479	18,421	19.4	431	474,188	84.2	864
63	Areas 1, A, B, and C	336,449	50.0	602	81,749	25.9	453	10,933	16.6	410	244,044	83.6	660
64	Areas 2, D, E, and F	276,148	66.7	987	37,876	33.5	535	7,488	25.4	463	230,144	84.8	1,081
65	New York, total	2,276,847	22.7	454	286,596	6.3	337	50,662	1.7	348	1,938,245	78.2	474
66	Areas 1, A, and B	431,512	45.9	443	24,463	6.7	293	3,924	4.6	339	402,000	81.7	455
67	Area 2	468,214	42.6	370	26,146	6.3	324	5,948	3.2	314	434,244	87.6	376
68	Area 3a	153,318	18.7	364	21,040	6.2	309	3,935	1.2	393	128,698	77.9	371
69	Area 3b	202,261	25.9	423	19,581	6.0	321	6,790	3.0	300	176,028	76.9	439
70	Areas 4 and C	287,537	28.6	377	27,200	6.6	374	4,150	1.5	413	255,822	81.4	377
71	Areas 5 and D	111,987	14.6	389	15,998	4.2	301	2,618	1.0	371	93,420	70.7	404
72	Areas 6 and E	150,182	11.1	363	50,915	8.0	300	9,173	1.5	342	90,498	74.2	399
73	Area 7	133,254	7.8	372	32,763	3.8	319	3,121	0.5	377	98,473	52.7	385
74	Areas 8 and F	95,129	14.7	369	15,494	4.1	329	3,937	2.4	263	75,988	72.1	381
75	Area 9	164,352	19.9	459	47,899	10.8	407	6,466	2.9	403	110,187	69.7	484
76	Area G	79,101	77.3	2,040	5,097	25.7	567	600	12.6	340	72,887	93.8	2,171

Z Less than 0.05. [1]Over 100 percent. See text.

LIME, BY ECONOMIC AREAS, FOR 28 SPECIFIED STATES: CENSUS OF 1954—Continued

States, see Table 3]

Fertilizer—Continued											Lime			
Specified crops fertilized			Specified crops fertilized			Fruits, vegetables, and potatoes fertilized			Other crops fertilized except hay			Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)				
Corn			*Wheat*												
456,321	91.5	382	171,329	90.7	378	88,645	74.6	868	266,431	78.4	469	230,677	10.2	1,900	1
7,999	75.6	349	3,325	85.8	389	1,400	47.4	690	9,295	67.5	320	8,380	7.0	3,183	2
121,200	90.8	330	69,265	94.5	364	19,566	68.5	474	61,051	77.7	377	67,763	9.7	2,208	3
50,413	89.1	388	19,215	84.1	437	10,727	67.7	752	42,946	79.2	684	46,245	11.5	1,723	4
32,338	87.5	389	9,829	76.6	420	265	66.2	981	31,398	87.2	822	10,509	5.8	1,862	5
159,021	96.7	392	59,086	93.8	360	22,536	73.0	910	56,855	100.3	354	58,178	10.6	1,885	6
85,350	88.5	432	10,609	81.0	424	34,151	85.0	1,108	64,886	64.5	367	39,602	12.5	1,731	7
			Tobacco												
22,139	80.5	572	5,652	93.8	3,257	32,724	74.1	1,053	10,029	58.7	617	33,098	5.9	2,326	8
5,027	84.6	586	1,577	88.8	3,290	3,647	78.7	1,436	880	76.9	727	4,360	3.4	2,638	9
5,235	86.4	607	4,075	95.8	3,244	7,105	84.5	1,751	1,232	32.0	955	9,025	9.0	2,265	10
3,247	70.5	512	...	...	...	5,261	59.2	514	737	92.2	735	5,427	4.0	2,678	11
3,467	71.0	586	...	...	...	10,996	74.1	839	2,140	(1)	950	8,298	7.0	1,837	12
5,163	85.9	551	...	...	...	5,715	77.6	848	5,040	44.4	356	5,988	7.0	2,550	13
			Oats												
1,556,778	82.5	207	992,224	80.2	220	254,086	74.7	541	1,353,006	70.7	263	225,014	2.1	3,913	14
979	73.4	404	10,390	44.0	278	2,633	64.7	800	1,077	36.9	394	5,060	2.5	4,828	15
6,453	71.2	287	25,869	53.3	237	3,020	55.0	660	4,099	25.9	301	1,590	0.4	2,469	16
29,339	72.6	199	20,275	70.7	250	37,409	72.3	369	12,380	47.8	278	9,625	2.1	3,754	17
48,015	65.4	196	49,184	69.9	250	15,185	60.7	642	30,374	59.8	300	20,016	2.5	3,382	18
27,875	61.2	193	42,385	62.4	227	7,499	65.0	456	27,336	46.6	262	6,378	1.0	3,496	19
181,121	82.2	200	109,807	82.3	215	24,221	80.3	568	252,163	72.2	258	11,220	0.9	3,104	20
119,360	94.6	232	141,611	98.0	215	6,050	65.7	509	327,178	85.8	245	4,385	0.4	3,526	21
115,000	76.3	209	79,776	82.2	218	32,581	75.4	569	63,755	64.2	292	26,340	3.4	3,862	22
75,760	89.6	247	27,039	84.4	238	64,288	83.2	499	34,474	57.7	309	17,898	4.2	3,935	23
347,607	82.5	186	224,228	86.9	212	17,095	69.3	605	251,408	70.3	264	39,401	2.0	3,439	24
226,673	89.1	222	100,299	87.2	218	28,431	73.2	662	153,650	71.1	271	21,770	1.9	2,470	25
202,623	86.5	209	77,958	80.8	225	4,221	80.3	599	90,923	63.7	262	15,015	2.0	4,316	26
175,973	78.2	200	83,403	69.0	213	11,453	83.9	639	104,189	67.6	274	46,316	4.7	5,387	27
2,197,956	40.4	155	505,720	10.3	144	115,982	47.2	301	929,214	17.8	103	196,852	0.9	3,908	28
61,225	38.0	122	192,580	28.3	79	47,381	81.3	240	741,962	38.0	81	191	(2)	1,738	29
26,853	49.0	134	15,785	12.5	175	2,288	30.7	433	7,751	8.2	218	12,555	1.2	3,258	30
104,715	33.2	117	17,628	3.6	123	1,840	54.4	167	17,802	7.2	94	2,770	0.2	2,357	31
167,126	70.5	151	19,410	8.7	189	1,871	43.8	410	10,960	9.3	151	27,645	2.5	3,293	32
316,273	25.6	158	52,290	5.6	161	1,219	14.7	240	63,884	5.1	169	525	(2)	2,419	33
515,391	46.0	160	69,351	7.3	193	23,929	36.7	386	28,241	7.6	221	94,855	2.5	4,102	34
477,324	50.5	166	62,565	10.7	210	29,894	46.5	325	25,798	5.0	258	55,203	2.0	4,155	35
529,049	38.4	152	76,111	8.3	182	7,560	21.9	286	32,816	5.0	203	3,108	0.1	3,470	36
			Cotton												
1,386,071	84.8	294	1,922,549	98.6	354	135,078	77.0	516	366,634	29.8	210	216,634	2.5	1,710	37
146,377	83.2	226	853,978	98.5	238	2,327	32.1	242	234,515	28.6	156	35,041	1.5	2,238	38
212,428	74.0	282	351,911	98.7	398	2,419	35.2	530	44,539	24.2	274	43,182	2.9	1,691	39
136,386	83.8	300	103,872	98.2	420	10,864	63.5	772	15,599	46.2	330	29,584	3.0	1,419	40
208,766	83.0	299	174,087	99.7	490	3,470	66.4	546	8,870	18.6	297	15,647	2.1	1,545	41
105,131	66.1	262	136,443	95.4	414	2,631	53.9	429	25,194	43.5	302	13,484	1.6	2,018	42
321,741	95.6	309	203,950	99.9	499	19,119	86.7	572	20,143	47.1	318	39,461	3.2	1,606	43
184,749	97.9	304	85,839	99.9	518	5,649	91.0	528	11,320	49.1	353	20,362	3.4	1,604	44
63,276	95.7	399	12,339	98.1	531	77,079	86.9	489	5,472	30.2	369	17,068	5.1	1,474	45
7,217	95.2	450	130	78.8	862	11,520	66.7	419	982	41.7	585	2,805	3.7	1,621	46
			Wheat												
2,584,686	63.7	212	972,227	84.1	209	23,877	50.0	309	1,530,228	37.0	198	675,866	3.7	4,299	47
			Cotton												
			320,594	75.2	254										
			Wheat												
444,386	45.5	198	100,884	44.7	184	4,210	52.1	235	74,099	16.6	218	104,307	3.8	3,767	48
390,152	52.1	205	112,933	78.5	212	1,006	46.6	278	112,508	18.8	206	121,858	4.5	4,126	49
632,568	83.3	244	217,453	92.7	240	2,761	98.9	256	198,070	24.3	224	189,828	6.3	4,865	50
404,223	77.6	169	237,810	94.5	185	3,922	[1]145.4	157	360,205	52.1	161	87,169	3.7	4,233	51
55,318	92.1	195	85,135	[1]100.7	205	1,496	55.6	356	186,159	82.4	185	15,958	1.9	3,814	52
96,864	71.0	204	49,340	[1]122.6	200	507	15.5	312	110,936	90.9	200	26,389	2.6	4,249	53
			89,860	72.7	221										
235,991	63.2	233	*Cotton*			3,989	35.7	510	162,152	56.7	218	50,638	3.0	4,655	54
			315	76.8	229										
			Wheat												
93,548	82.3	211	78,812	[1]152.0	220	1,883	32.6	357	195,005	97.5	208	21,916	1.4	3,644	55
			Cotton												
56,224	82.5	234	2,206	83.1	279	668	26.3	524	54,023	87.5	233	15,271	2.5	4,603	56
98,842	61.9	204	80,249	85.4	240	992	38.8	272	50,638	18.5	210	19,678	2.8	4,252	57
76,570	55.1	250	237,824	72.3	258	2,443	60.2	314	26,433	6.5	193	22,854	2.4	3,279	58
			Tobacco												
8,734	75.3	514	...	...	...	9,002	63.6	1,055	2,128	65.9	627	16,666	4.2	2,300	59
3,570	78.9	576	...	...	...	3,459	84.5	1,732	1,858	75.4	600	6,842	3.6	2,481	60
5,164	73.0	472	...	...	...	5,543	55.1	632	270	35.2	815	9,824	4.6	2,175	61
			Wheat												
169,842	89.1	556	45,959	79.6	414	185,445	85.4	1,377	72,942	74.5	533	125,920	11.2	1,799	62
106,113	89.7	519	40,085	82.4	397	45,960	79.4	1,436	51,886	77.1	451	62,000	9.1	1,714	63
63,729	88.1	617	5,874	64.8	526	139,485	87.6	1,358	21,056	68.6	733	63,920	14.3	1,882	64
613,821	84.4	359	296,624	86.9	338	352,988	77.6	1,046	674,812	70.7	325	397,799	4.9	2,970	65
103,003	94.0	372	85,960	88.9	351	114,072	78.0	688	98,965	71.0	328	42,848	4.2	2,822	66
117,471	96.7	351	112,486	93.1	322	41,031	77.5	803	163,256	81.3	311	33,170	3.3	3,037	67
36,551	86.8	343	9,875	79.3	356	17,343	70.8	640	64,929	75.4	304	41,366	6.8	3,347	68
44,964	85.3	336	28,726	87.9	329	17,042	76.3	1,485	85,296	70.4	312	48,307	7.0	2,848	69
100,973	85.8	334	34,689	87.8	324	22,975	73.6	834	97,185	77.3	317	37,165	4.4	2,670	70
40,302	74.5	326	5,763	79.1	361	14,624	90.0	792	32,731	59.9	332	28,054	4.9	3,322	71
42,646	78.5	388	3,457	61.9	443	6,789	86.1	804	37,606	69.3	321	54,423	6.4	3,141	72
37,550	64.2	377	2,477	37.3	333	5,986	76.8	914	52,460	46.1	324	27,639	2.4	2,660	73
40,672	77.7	342	5,369	60.7	353	7,802	69.7	655	22,145	67.1	358	21,834	4.0	3,247	74
46,952	77.1	409	5,275	69.8	412	40,495	62.3	604	17,465	71.4	390	52,413	7.6	3,085	75
2,737	71.2	805	2,547	76.2	446	64,829	93.2	2,315	2,774	[1]288.7	1,518	10,580	9.7	1,343	76

Table 2.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

[For data for 20 irrigated

	State and economic area	Fertilizer											
		All crops and all pasture fertilized			Hay and cropland pasture fertilized			Other pasture fertilized			All crops fertilized except hay		
		Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)
1	North Carolina, total	4,877,997	65.4	573	527,714	33.3	386	196,366	15.4	402	4,134,007	89.9	607
2	Areas 1 and A	215,854	23.8	527	59,428	17.8	393	29,173	7.0	346	126,914	83.3	634
3	Area 2	99,901	47.9	391	29,598	44.9	399	6,685	11.3	392	63,023	75.1	390
4	Areas 3, B, and C	591,636	60.5	574	95,512	32.3	370	39,078	18.6	421	453,972	96.0	634
5	Area 4a	210,567	58.5	405	32,635	29.0	345	15,455	19.5	359	162,591	96.8	420
6	Area 4b	328,159	64.7	359	65,453	41.1	342	27,269	24.3	335	234,127	99.4	369
7	Areas 5 and D	485,899	69.0	441	72,052	37.1	378	30,289	23.1	363	379,826	[1]100.4	463
8	Areas 6 and E	629,865	77.7	666	47,793	40.1	407	12,861	18.6	414	566,966	91.2	696
9	Area 7	477,329	74.6	577	18,541	34.6	482	8,220	20.8	511	447,877	82.0	586
10	Area 8	703,911	82.0	684	32,641	41.1	397	8,398	18.6	531	660,904	90.1	703
11	Area 9	420,558	77.8	574	37,804	51.4	359	3,821	12.2	418	377,784	86.7	599
12	Area 10	203,800	72.6	583	7,028	35.9	437	1,700	6.1	593	195,251	83.6	588
13	Area 11	510,518	76.1	678	29,229	36.6	492	13,417	24.3	557	464,772	86.8	697
14	Ohio, total	6,659,173	44.3	291	447,724	10.4	302	108,261	3.8	309	6,095,727	77.8	290
15	Areas 1 and A	1,124,112	52.6	273	57,768	14.1	262	3,305	5.2	273	1,055,404	63.4	275
16	Area 2	1,264,113	53.7	258	67,736	10.9	279	11,205	6.8	263	1,174,453	74.9	259
17	Areas 3, B, C, and D	1,805,954	54.0	276	116,142	11.5	296	23,423	6.4	314	1,669,744	84.8	273
18	Areas 4a and E	263,402	51.6	350	14,830	12.3	368	2,786	4.7	346	244,286	73.9	351
19	Area 4b	431,449	47.6	308	31,992	11.5	332	11,359	6.4	312	388,238	86.1	305
20	Areas 5, F, G, and H	431,559	41.3	347	33,745	9.9	326	8,978	3.5	277	390,076	87.1	350
21	Area 6a	391,419	42.2	302	30,082	10.0	280	9,095	4.2	307	352,981	86.5	303
22	Areas 6b and J	299,163	22.5	332	29,381	7.2	309	15,320	2.5	298	256,457	84.2	334
23	Areas 7 and K	389,193	36.6	317	26,367	6.1	323	7,840	4.1	381	359,030	80.8	312
24	Areas 8a and L	139,171	24.1	337	19,429	10.2	317	6,403	2.6	335	113,794	81.1	339
25	Area 8b	119,638	14.3	371	20,252	9.3	372	8,547	1.7	324	91,264	83.2	374
26	Pennsylvania, total	3,198,221	38.7	381	389,428	12.3	353	115,615	6.4	354	2,695,262	82.0	385
27	Areas 1a, A, and B	247,145	34.5	369	15,885	6.4	330	5,515	2.8	372	225,540	84.2	372
28	Area 1b	144,885	31.8	330	14,742	7.7	356	4,506	3.9	370	126,703	85.3	323
29	Area 2	175,632	15.0	365	32,313	6.7	367	6,023	1.2	424	138,182	77.2	360
30	Area 3	95,519	41.3	359	13,514	14.8	326	3,095	7.4	425	78,790	80.3	362
31	Area 4a	148,549	35.8	309	17,117	9.2	292	6,302	9.2	313	125,425	77.9	310
32	Area D	131,458	22.1	331	22,530	7.7	298	5,613	3.8	323	103,660	66.2	337
33	Areas 4b and E	144,976	24.8	366	22,410	8.5	356	6,242	3.7	384	116,298	75.9	367
34	Areas 5 and F	418,552	45.4	298	46,871	13.6	305	12,109	9.1	319	359,077	81.0	297
35	Areas 6, C, and G	287,322	51.0	418	33,084	15.8	336	6,605	10.5	380	247,517	85.1	430
36	Areas 7 and H	436,421	52.9	337	44,009	16.3	361	16,170	14.1	324	374,747	85.1	336
37	Areas J and K	406,278	56.7	468	37,604	19.1	392	16,260	15.3	360	351,879	85.3	481
38	Areas L, M, and N	561,484	52.9	456	89,349	23.9	392	27,175	17.7	357	447,444	83.7	472
39	Rhode Island, total (Areas 1 and A)	15,801	27.2	733	8,085	21.9	483	575	5.0	400	7,301	76.1	1,019
40	South Carolina, total	3,257,202	70.1	477	457,510	41.1	349	121,342	20.5	325	2,665,320	90.7	508
41	Area 1	87,999	58.7	393	9,322	28.6	265	8,586	17.0	300	69,828	[1]104.4	423
42	Area 2	454,379	63.0	406	89,310	39.5	351	32,961	22.6	281	331,309	94.8	435
43	Area 3	235,209	56.1	405	55,533	35.3	343	21,470	22.7	306	157,654	94.5	442
44	Area 4	237,879	55.9	384	44,000	27.7	311	17,771	20.8	325	175,521	96.9	409
45	Areas 5, A, and B	374,373	70.2	434	43,125	38.1	323	11,001	19.8	264	319,009	87.5	456
46	Area 6	1,116,784	80.2	468	118,019	51.1	332	15,390	22.6	376	978,325	89.5	488
47	Area 7	505,306	79.6	636	55,390	59.4	349	6,698	14.2	452	440,141	89.0	679
48	Areas 8 and C	245,273	66.3	576	42,811	42.3	487	7,465	16.4	474	193,533	86.8	604
49	Tennessee, total	3,224,692	33.1	330	668,973	15.2	304	156,331	8.8	308	2,400,164	67.1	338
50	Areas 1 and A	825,422	39.3	311	61,545	8.7	320	23,010	12.9	260	742,515	61.3	311
51	Area 2	392,525	40.5	286	41,732	12.8	299	8,347	5.9	325	343,471	68.4	282
52	Area 3	240,410	40.1	279	37,198	15.3	298	8,904	8.7	365	193,508	76.4	272
53	Area 4	201,796	36.0	402	30,923	12.0	289	10,420	11.5	312	160,207	75.3	431
54	Areas 5 and B	400,017	20.8	268	103,202	11.3	237	27,979	5.6	232	266,840	52.7	286
55	Area 6	376,763	36.6	330	104,838	21.5	299	18,528	9.1	333	254,431	75.2	341
56	Area 7	105,898	35.5	376	34,618	20.7	318	5,960	13.5	405	66,009	76.2	399
57	Areas 8a, C, and D	327,677	31.7	371	139,878	22.6	324	23,383	11.8	369	164,522	76.1	411
58	Area 8b	354,184	28.4	431	115,039	17.1	337	29,800	9.1	310	208,661	83.9	502
59	Vermont, total	211,634	12.7	432	130,737	14.2	400	16,360	2.5	366	64,416	70.3	514
60	Area 1	102,140	13.0	413	61,880	14.0	386	7,318	2.5	309	32,882	64.8	486
61	Area 2	109,494	12.5	449	68,857	14.5	411	9,042	2.5	412	31,534	77.2	543
62	Virginia, total	2,361,824	33.5	544	525,342	22.2	488	209,726	7.8	457	1,626,433	82.0	573
63	Area 1	50,130	16.3	421	12,944	11.2	356	7,065	4.7	319	29,969	75.0	476
64	Area 2	214,851	19.8	441	66,692	21.6	410	34,745	5.3	362	113,454	90.6	484
65	Areas 3 and A	124,371	15.9	486	50,047	17.5	512	19,225	4.5	513	55,017	78.4	455
66	Area 4	211,199	24.0	410	47,325	18.5	484	21,665	5.0	503	142,622	74.3	371
67	Areas 5 and B	325,522	28.1	466	99,376	19.5	538	38,355	9.2	476	189,049	82.3	422
68	Areas 6 and C	329,902	35.7	484	88,989	24.0	460	37,725	12.0	450	204,060	85.5	499
69	Area 7	384,608	45.2	619	80,378	23.7	446	30,839	15.3	451	272,128	88.1	691
70	Areas 8 and 9	270,676	59.2	463	44,947	39.6	525	9,804	17.3	484	215,970	75.2	449
71	Area 10	301,982	78.2	674	23,532	52.7	635	9,493	33.7	623	268,018	85.5	681
72	Areas 11 and D	148,583	69.9	966	11,112	48.4	629	750	7.1	539	136,146	76.1	1,000
73	West Virginia, total	367,621	9.6	369	96,229	7.8	373	29,420	1.3	337	243,158	66.7	369
74	Areas 1 and A	25,759	6.4	391	8,888	5.6	437	870	0.4	559	15,997	46.4	356
75	Areas 2a and B	46,668	10.5	382	14,746	7.8	367	6,082	3.0	270	26,069	50.9	413
76	Area 2b	46,107	4.7	392	18,456	6.5	375	6,030	0.9	276	21,931	59.0	432
77	Area 3	42,579	7.6	388	15,334	8.3	371	3,540	1.0	358	23,694	77.6	404
78	Areas 4 and C	27,576	12.2	334	5,915	5.7	299	1,170	1.3	345	20,596	61.4	342
79	Area 5	114,448	11.3	373	23,153	9.5	372	9,352	1.4	374	82,395	80.3	372
80	Area 6	64,484	29.4	329	9,737	13.2	375	2,376	3.4	401	52,476	69.6	316

[1]Over 100 percent. See text.

LIME, BY ECONOMIC AREAS, FOR 28 SPECIFIED STATES: CENSUS OF 1954—Continued

States, see Table 3]

Fertilizer—Continued											Lime			
Specified crops fertilized			Specified crops fertilized			Fruits, vegetables, and potatoes fertilized			Other crops fertilized except hay			Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)				
Corn			*Tobacco*												
1,967,272	97.6	464	656,048	98.6	1,284	171,537	[1]100.6	892	1,339,150	76.7	442	312,462	4.2	1,904	1
77,389	88.1	453	10,652	96.8	1,445	31,937	85.2	825	6,936	43.4	487	47,017	7.6	2,349	2
31,127	84.8	335	3,850	96.6	1,161	6,205	98.3	389	21,841	59.1	324	12,059	5.6	2,260	3
190,773	98.4	385	141,008	99.3	1,170	16,640	[1]227.4	678	105,551	81.3	356	33,703	3.2	2,146	4
62,801	96.8	364	12,528	96.4	1,077	6,832	99.6	618	80,430	96.6	340	18,942	4.7	2,099	5
59,157	92.5	368	1,559	97.4	1,164	4,140	[1]166.8	562	169,271	[1]101.0	352	43,003	8.1	2,022	6
104,287	98.8	424	595	97.9	1,082	8,514	99.0	677	266,430	[1]101.1	465	30,076	4.1	2,125	7
282,345	99.5	485	131,185	99.5	1,286	22,096	[1]108.6	874	131,340	70.6	525	13,822	1.6	1,878	8
224,686	99.1	559	36,179	97.1	1,330	9,076	85.4	787	177,936	65.4	455	32,477	5.1	1,213	9
390,319	97.5	463	159,548	98.2	1,367	9,187	[1]101.8	928	101,850	63.0	539	15,578	1.8	1,237	10
156,300	97.4	439	50,565	96.8	1,332	12,055	82.3	804	158,864	76.3	502	10,329	1.8	1,665	11
98,274	98.4	513	12,912	99.4	1,296	16,160	83.0	1,497	67,905	67.1	347	21,759	8.3	1,822	12
289,814	99.4	494	95,467	99.0	1,288	28,695	[1]104.6	1,109	50,796	42.4	477	33,697	4.8	1,568	13
			Wheat												
3,321,667	92.9	281	1,544,391	90.6	290	107,066	68.5	679	1,122,603	46.8	266	841,187	6.4	3,681	14
527,311	88.4	264	287,634	87.8	281	21,916	83.2	663	218,543	30.6	242	61,901	2.9	2,760	15
644,943	95.5	260	269,577	88.8	273	5,770	75.0	486	254,163	43.7	225	113,140	5.0	3,776	16
993,442	95.8	270	417,540	95.7	277	9,590	56.3	669	249,172	52.1	244	137,448	4.4	3,835	17
112,163	93.7	325	59,299	90.6	324	15,956	67.8	712	56,868	46.6	330	43,360	8.5	4,249	18
182,511	95.6	306	112,017	90.6	303	6,855	78.8	988	86,855	68.1	247	95,052	11.8	3,685	19
166,387	94.4	329	95,055	89.6	334	22,201	63.5	719	106,433	81.5	311	113,113	11.8	3,882	20
199,308	97.0	304	101,997	93.9	309	3,097	70.8	417	48,579	54.1	267	62,551	8.1	3,471	21
134,093	89.0	325	71,045	86.6	320	7,760	61.8	724	43,559	73.5	297	89,989	10.4	3,615	22
226,704	85.9	282	98,276	89.1	281	3,620	54.1	494	30,430	48.0	579	68,561	7.0	3,790	23
79,068	83.4	308	17,054	83.6	333	4,800	67.9	485	12,872	71.3	474	26,848	6.4	3,353	24
55,737	85.2	352	14,897	74.7	349	5,501	76.5	690	15,129	88.7	344	29,224	7.2	3,591	25
1,136,992	88.8	355	575,949	87.1	333	196,249	72.3	906	786,072	73.3	329	648,664	8.6	2,705	26
89,950	92.5	335	43,180	82.5	316	24,340	71.8	758	68,070	80.8	307	59,345	9.5	3,237	27
47,898	93.2	328	26,705	90.0	305	3,893	50.8	641	48,207	80.6	291	44,027	10.0	3,001	28
61,603	85.1	334	8,002	78.3	338	6,027	60.6	956	62,550	72.3	327	83,776	10.7	2,723	29
32,744	88.5	374	15,486	86.4	323	2,620	61.8	911	27,940	71.6	307	20,734	9.1	2,436	30
46,034	88.2	324	28,271	82.3	306	1,937	41.5	696	49,183	70.5	275	46,942	10.6	2,637	31
45,144	79.8	326	19,921	68.6	330	5,256	40.9	501	33,339	57.4	321	49,737	9.0	2,797	32
42,931	81.5	354	17,820	82.4	344	4,707	48.2	1,061	50,840	73.5	320	42,677	8.8	2,770	33
146,325	88.3	288	84,981	88.7	301	11,748	64.6	562	116,023	70.9	269	58,997	6.4	2,947	34
89,066	94.2	381	58,599	92.7	346	25,921	74.2	1,090	73,931	75.4	316	55,751	9.3	2,336	35
169,034	88.0	316	90,922	91.3	312	36,127	83.3	525	78,664	74.9	311	57,575	7.4	2,937	36
162,824	89.2	390	93,916	86.7	364	28,915	79.9	1,182	66,224	77.5	551	47,998	7.1	2,372	37
203,439	90.1	428	88,146	89.0	368	44,758	80.5	1,158	111,101	72.2	346	81,105	7.9	2,261	38
			Tobacco												
4,151	88.5	611	...	...	...	2,625	61.8	1,259	525	80.4	3,036	3,222	5.7	2,052	39
			Cotton												
1,020,552	98.5	399	784,748	98.2	597	130,289	84.3	826	729,731	76.9	504	143,180	2.9	1,740	40
29,222	98.3	392	14,416	98.5	587	2,859	76.1	742	23,331	[1]124.5	317	8,642	5.4	1,837	41
89,133	96.8	394	91,920	98.6	578	25,893	87.7	608	124,363	92.5	317	38,898	4.9	1,593	42
49,527	97.5	377	58,183	99.7	596	5,349	89.1	532	44,595	86.2	306	11,988	2.6	1,848	43
62,253	97.7	357	42,332	98.6	593	5,092	92.0	827	65,844	95.4	307	17,489	4.0	1,766	44
120,390	98.2	358	99,154	99.0	627	16,769	80.0	674	82,696	68.5	347	12,244	2.0	1,984	45
341,792	99.3	376	326,718	97.6	603	42,972	90.5	726	266,843	72.8	448	35,492	2.4	1,791	46
210,091	100.0	449	116,368	98.1	576	10,094	84.7	1,040	103,588	67.4	1,218	9,846	1.5	1,473	47
118,144	95.9	450	35,657	97.8	593	21,261	72.3	1,399	18,471	54.4	673	8,581	2.1	1,859	48
			Tobacco												
1,320,433	72.5	255	92,964	94.3	1,232	55,246	74.8	684	931,521	58.9	340	144,330	1.6	3,223	49
263,088	59.2	241	45	57.0	356	11,049	54.8	731	468,333	62.7	337	23,164	1.1	2,615	50
219,206	70.9	219	2,300	95.9	598	3,054	56.5	387	118,911	64.4	386	14,287	1.4	2,927	51
140,721	83.0	217	5,323	97.3	946	2,546	78.6	584	44,918	59.7	344	8,134	1.3	3,193	52
97,130	86.7	304	24,324	99.9	1,097	1,802	83.7	650	36,951	49.9	318	8,470	1.5	3,597	53
160,470	56.9	223	11,974	73.4	902	3,429	55.2	520	90,967	45.1	299	22,157	1.4	2,577	54
186,595	86.6	268	9,889	98.3	1,279	4,715	83.9	842	53,232	49.8	363	18,977	1.9	3,723	55
45,032	86.7	316	454	94.2	1,696	10,556	[1]109.2	723	9,967	40.7	356	7,953	2.7	4,469	56
95,485	82.9	302	9,882	96.9	1,534	10,178	95.6	669	48,977	61.1	332	23,793	2.4	3,403	57
112,706	92.0	324	28,773	98.5	1,461	7,917	73.8	714	59,265	68.9	327	17,395	1.7	3,566	58
41,719	70.2	427	35	100.0	2,000	9,238	80.5	1,010	13,424	65.0	424	57,543	5.1	2,324	59
22,530	70.3	432	...	...	...	2,678	75.5	1,036	7,674	50.8	433	27,262	5.0	2,172	60
19,189	70.0	421	35	100.0	2,000	6,560	82.7	999	5,750	[1]103.8	411	30,281	5.2	2,461	61
779,679	90.0	485	118,017	96.9	1,261	158,964	79.4	929	569,773	71.5	443	332,155	6.0	2,726	62
20,668	78.1	357	2,377	94.9	1,620	2,887	64.5	583	4,027	61.9	329	3,862	1.7	3,001	63
66,935	93.9	394	9,015	98.4	1,495	5,244	66.5	620	32,260	87.3	349	35,535	6.0	4,270	64
27,267	80.2	483	90	94.7	1,333	5,615	42.4	476	22,045	96.6	407	28,170	5.9	3,079	65
51,526	71.8	355	...	...	...	24,507	72.4	361	66,589	77.1	376	25,681	4.4	3,230	66
101,866	89.0	412	5	50.0	2,000	11,684	65.3	375	75,494	77.5	433	91,620	10.0	2,678	67
102,010	86.9	428	19,327	93.0	1,179	9,470	74.8	535	73,253	83.3	406	40,590	4.9	2,935	68
129,876	95.3	417	84,325	97.9	1,241	10,800	[1]134.5	699	47,127	60.1	436	25,865	2.8	2,618	69
91,549	93.1	460	721	85.3	1,370	12,624	74.3	823	111,076	65.0	389	39,999	8.9	1,743	70
151,170	97.6	706	2,157	96.6	1,389	3,133	56.6	1,085	111,558	74.0	607	18,827	4.9	1,451	71
36,812	89.5	663	...	...	...	73,000	91.6	1,376	26,334	45.2	455	22,006	10.3	1,966	72
			Wheat												
117,627	61.2	350	36,942	79.7	334	38,282	63.8	409	50,307	76.1	394	102,090	4.8	3,456	73
10,576	56.7	336	1,960	40.8	371	1,041	20.0	507	2,420	41.7	359	12,735	5.5	3,482	74
18,164	49.8	322	1,803	58.7	336	2,609	60.9	378	3,493	47.4	945	10,579	3.3	3,424	75
13,088	51.7	409	1,315	[1]101.2	402	4,837	57.2	494	2,691	[1]129.9	386	18,390	4.2	3,263	76
9,936	67.5	405	3,000	[1]113.1	336	2,431	61.0	598	8,327	90.7	349	15,842	5.6	3,323	77
11,418	59.9	298	600	[1]101.7	293	5,231	65.3	428	3,347	56.9	350	9,502	5.0	2,712	78
36,380	74.9	369	17,606	88.6	344	10,907	76.5	417	17,502	88.0	367	27,412	5.5	3,781	79
18,065	61.1	308	10,658	75.8	303	11,226	71.0	313	12,527	78.7	329	7,630	4.4	3,957	80

Table 2–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF

[For data for 20 irrigated

	State and economic area	Fertilizer											
		All crops and all pasture fertilized			Hay and cropland pasture fertilized			Other pasture fertilized			All crops fertilized except hay		
		Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)
1	Wisconsin, total	3,870,043	26.5	223	255,927	4.2	257	37,157	1.5	262	3,592,894	59.8	220
2	Areas 1 and A	135,190	14.5	357	14,630	2.9	280	1,385	0.6	261	119,125	55.9	368
3	Area 2a	481,421	23.5	190	19,790	2.4	250	3,920	1.1	226	457,701	53.4	187
4	Area 2b	285,515	23.5	217	11,622	2.4	264	4,865	1.7	271	269,058	63.2	214
5	Area 3	430,043	26.4	189	17,129	2.9	259	8,260	1.9	269	408,724	68.0	183
6	Area 4	382,043	21.2	219	27,783	3.5	229	4,085	1.0	206	351,665	61.6	217
7	Area 5	256,184	27.0	244	18,135	4.3	238	1,760	1.2	286	237,484	61.3	242
8	Area 6	275,266	23.8	258	43,543	7.2	254	1,085	1.0	182	231,658	53.2	258
9	Area 7	380,228	21.9	219	34,501	4.3	246	2,265	2.0	262	344,997	42.5	215
10	Areas 8 and B	1,098,795	38.6	212	59,969	6.1	266	9,162	2.7	299	1,035,454	67.8	207
11	Areas 9 and C	145,358	49.4	331	8,825	9.4	329	370	1.8	178	137,028	76.2	329

LIME, BY ECONOMIC AREAS, FOR 28 SPECIFIED STATES: CENSUS OF 1954—Continued

States, see Table 3]

Fertilizer—Continued											Lime			
Specified crops fertilized			Specified crops fertilized			Fruits, vegetables, and potatoes fertilized			Other crops fertilized except hay			Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)				
	Corn			*Oats*											
2,075,001	79.3	199	1,220,307	44.6	206	175,651	55.5	494	121,935	36.3	291	514,787	4.0	3,875	1
44,324	72.3	223	51,461	43.8	263	18,960	80.8	1,015	4,380	41.1	282	26,662	3.4	4,011	2
309,824	82.1	180	130,390	32.8	195	6,372	38.1	261	11,115	17.0	230	76,963	4.4	4,144	3
172,140	78.4	198	86,256	49.0	216	3,312	37.4	302	7,350	34.8	466	47,297	4.9	3,749	4
288,005	85.8	180	113,412	48.0	184	2,879	49.3	306	4,428	19.0	282	59,614	4.7	5,075	5
162,068	79.8	202	173,362	54.5	214	7,232	45.1	521	9,003	26.6	247	85,167	5.9	4,224	6
127,876	73.5	197	88,102	56.4	225	11,764	56.9	851	9,742	26.8	258	45,197	4.8	3,540	7
94,707	65.2	222	111,949	46.7	235	15,982	48.6	584	9,020	51.9	326	26,205	2.4	2,650	8
161,544	61.0	209	137,507	31.4	197	23,042	38.3	301	22,904	46.9	273	41,725	2.5	1,572	9
641,353	85.3	203	294,063	48.4	185	71,655	61.8	283	28,383	55.8	303	99,116	3.8	4,235	10
73,160	86.3	259	33,805	66.3	231	14,453	90.5	943	15,610	55.6	288	6,841	2.3	2,115	11

Table 3.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF LIME, FOR IRRIGATED AND

[For data for 28 specified

	State and economic area	Fertilizer											
		All crops and all pasture fertilized			Hay and cropland pasture fertilized			Other pasture fertilized			All crops fertilized except hay		
		Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)
1	20 States, total	33,661,056	5.6	258	3,939,991	6.7	221	1,538,275	0.4	247	28,193,512	21.3	264
2	Irrigated farms	12,415,944	7.5	349	1,650,755	10.2	237	411,477	0.3	274	10,359,455	40.2	369
3	Non-irrigated farms	21,245,112	4.8	205	2,289,236	5.4	209	1,126,798	0.4	237	17,834,057	16.7	203
4	Arizona, total	798,823	2.5	310	82,499	19.7	242	759	(Z)	137	715,879	81.7	318
5	Irrigated farms	798,668	4.9	310	82,359	22.7	242	744	(Z)	137	715,879	83.3	318
6	Non-irrigated farms	155	(Z)	142	140	0.2	143	15	(Z)	133	...	...	...
7	Area 1	8,534	(Z)	199	4,007	3.6	189	15	(Z)	133	4,512	12.3	209
8	Irrigated farms	8,384	0.1	200	3,872	5.9	191	...	...	...	4,512	23.4	209
9	Non-irrigated farms	150	(Z)	133	135	0.3	133	15	(Z)	133	...	...	...
10	Area A	354,617	14.4	315	38,256	26.4	221	363	(Z)	66	316,200	88.9	326
11	Irrigated farms	354,612	22.6	315	38,251	26.5	221	363	(Z)	66	316,200	88.9	326
12	Non-irrigated farms	5	(Z)	400	5	0.7	400	...	...	...	...	...	...
13	Area 2a	357,130	13.1	324	33,860	30.6	275	29	(Z)	207	323,412	90.3	329
14	Irrigated farms	357,130	20.0	324	33,860	31.2	275	29	(Z)	207	323,412	90.3	329
15	Non-irrigated farms	...	...	...	...	...	...	...	...	...	...	...	...
16	Area 2b	78,542	0.9	242	6,376	12.3	228	352	(Z)	205	71,755	57.2	244
17	Irrigated farms	78,542	1.6	242	6,376	14.7	228	352	(Z)	205	71,755	57.1	244
18	Non-irrigated farms	...	...	...	...	...	...	...	...	...	...	...	...
19	Arkansas, total	2,932,956	29.5	236	252,576	7.9	231	75,862	3.8	187	2,603,047	54.7	239
20	Irrigated farms	694,899	40.1	211	35,091	14.2	203	7,645	6.7	194	650,806	47.4	212
21	Non-irrigated farms	2,238,057	27.2	244	217,485	7.4	236	68,217	3.6	186	1,952,241	57.7	248
22	Area 1a	89,658	20.5	234	34,458	13.5	231	3,885	3.4	224	51,480	75.0	236
23	Irrigated farms	2,540	19.0	270	725	10.5	265	...	...	...	1,815	58.7	272
24	Non-irrigated farms	87,118	20.5	233	33,733	13.6	230	3,885	3.5	224	49,665	75.7	235
25	Area 1b	107,017	10.0	261	37,178	5.7	274	6,585	2.1	231	63,372	58.7	257
26	Irrigated farms	3,033	19.4	397	1,074	9.5	432	145	6.2	910	1,814	87.8	335
27	Non-irrigated farms	103,984	9.9	257	36,104	5.6	269	6,440	2.1	216	61,558	58.2	254
28	Area 2	117,764	12.7	262	25,618	7.0	261	11,481	2.8	216	81,144	51.9	268
29	Irrigated farms	8,265	31.9	287	1,280	20.7	253	480	7.2	279	6,505	49.7	294
30	Non-irrigated farms	109,499	12.2	261	24,338	6.8	261	11,001	2.8	213	74,639	52.1	266
31	Areas 3 and A	211,762	19.6	262	26,777	5.5	252	4,992	2.1	256	180,515	50.9	263
32	Irrigated farms	21,316	32.0	237	2,575	18.3	289	450	4.4	360	17,904	42.2	231
33	Non-irrigated farms	190,446	18.7	265	24,202	5.1	248	4,542	2.0	246	162,611	52.1	267
34	Area 4	56,151	10.1	244	18,657	6.3	251	6,431	3.2	192	30,978	55.2	250
35	Irrigated farms	4,845	22.7	187	907	9.3	267	834	13.0	211	3,049	58.5	159
36	Non-irrigated farms	51,306	9.6	249	17,750	6.2	251	5,597	2.9	189	27,929	54.9	260
37	Area 5	157,883	22.4	237	19,529	7.4	211	13,304	5.0	150	125,355	72.5	250
38	Irrigated farms	5,552	29.1	235	195	3.6	123	245	5.6	229	5,167	55.2	237
39	Non-irrigated farms	152,331	22.2	237	19,334	7.5	212	13,059	5.0	149	120,188	73.5	250
40	Area 6	184,258	30.4	270	25,858	10.9	226	7,827	4.6	197	149,958	74.3	283
41	Irrigated farms	24,116	42.1	186	3,145	24.0	248	926	8.6	112	20,035	59.8	180
42	Non-irrigated farms	160,142	29.1	283	22,713	10.2	223	6,901	4.4	208	129,923	77.2	299
43	Area 7a	686,851	37.4	229	16,801	7.1	193	6,330	5.3	197	663,374	44.8	230
44	Irrigated farms	173,271	30.4	203	7,314	13.6	136	1,635	6.3	164	164,685	33.5	206
45	Non-irrigated farms	513,580	40.6	238	9,487	5.2	237	4,695	5.0	208	498,689	50.4	239
46	Area 7b	334,066	46.7	208	13,056	9.3	208	3,446	6.5	175	315,522	60.4	209
47	Irrigated farms	264,343	51.7	197	7,539	11.2	176	1,160	5.2	200	254,422	60.3	199
48	Non-irrigated farms	69,723	34.1	248	5,517	7.5	252	2,286	7.5	163	61,100	60.9	254
49	Area 8a	677,187	50.0	228	14,151	12.3	235	5,525	13.2	150	657,392	55.0	228
50	Irrigated farms	92,076	41.3	231	5,194	20.2	270	1,470	21.4	120	86,025	45.2	228
51	Non-irrigated farms	585,111	51.8	227	8,957	10.1	215	4,055	11.5	161	571,367	56.8	228
52	Area 8b	310,359	46.6	246	20,493	14.5	140	6,056	7.5	91	283,957	64.1	257
53	Irrigated farms	95,542	45.7	230	5,143	15.7	124	300	2.0	133	89,385	55.3	238
54	Non-irrigated farms	214,817	47.1	254	15,350	14.1	146	5,756	8.7	89	194,572	69.1	266
55	California, total	3,874,044	13.7	421	421,456	8.9	283	88,467	0.5	270	3,368,523	51.1	441
56	Irrigated farms	3,734,432	20.8	427	392,687	11.5	288	79,242	0.9	274	3,266,989	57.0	447
57	Non-irrigated farms	139,612	1.4	249	28,769	2.2	205	9,225	0.1	230	101,534	11.8	263
58	Area 1	28,147	2.4	355	12,773	6.3	316	3,673	0.4	346	11,832	32.7	397
59	Irrigated farms	18,541	4.3	357	9,030	11.5	319	2,680	0.8	369	6,831	32.2	402
60	Non-irrigated farms	9,606	1.3	352	3,743	3.0	308	993	0.2	286	5,001	33.3	389
61	Area 2	35,587	5.9	338	7,168	4.0	258	8,543	2.7	334	19,966	19.4	367
62	Irrigated farms	15,917	7.6	315	5,194	11.5	250	4,662	3.6	417	6,066	17.5	292
63	Non-irrigated farms	19,670	5.0	356	1,974	1.5	279	3,881	2.1	236	13,900	20.3	399
64	Areas A and B	153,815	9.6	619	7,518	1.9	280	6,841	0.8	195	139,321	37.4	659
65	Irrigated farms	139,170	18.8	650	4,995	3.0	287	5,986	2.1	187	128,054	45.5	687
66	Non-irrigated farms	14,645	1.7	324	2,523	1.1	266	855	0.2	248	11,267	12.3	343
67	Area 3	185,440	6.6	944	11,110	3.8	235	3,039	0.2	321	171,346	33.6	1,001
68	Irrigated farms	168,256	12.2	1,021	8,073	5.7	265	2,929	0.3	326	157,479	54.2	1,071
69	Non-irrigated farms	17,184	1.2	192	3,037	2.0	156	110	(Z)	182	13,867	6.3	202
70	Areas 4 and C	708,394	20.6	257	36,058	5.2	238	17,834	1.2	228	655,905	51.4	259
71	Irrigated farms	683,078	26.4	262	31,096	6.0	251	16,730	1.8	235	636,662	55.7	262
72	Non-irrigated farms	25,316	3.0	141	4,962	2.8	155	1,104	0.2	127	19,243	14.5	138
73	Areas 5 and D	388,438	15.8	384	64,460	9.4	300	19,679	1.8	260	303,549	43.6	411
74	Irrigated farms	376,053	19.1	388	63,780	10.5	300	19,479	2.7	259	292,129	45.0	417
75	Non-irrigated farms	12,385	2.6	259	680	0.9	318	200	0.1	300	11,420	24.2	257

NA Not available. Z Less than 0.05. [1]Over 100 percent. See text.

NON-IRRIGATED FARMS, BY ECONOMIC AREAS, FOR 20 SPECIFIED STATES: CENSUS OF 1954—Continued

States, see Table 2]

Fertilizer—Continued											Lime			
Specified crops fertilized			Specified crops fertilized			Fruits, vegetables, and potatoes fertilized			Other crops fertilized except hay			Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)				
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	3,264,213	65.2	867	(NA)	(NA)	(NA)	1,213,073	0.5	2,565	1
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2,168,147	65.5	819	(NA)	(NA)	(NA)	306,921	0.6	2,324	2
(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1,096,066	64.5	962	(NA)	(NA)	(NA)	906,152	0.5	2,646	3
Cotton			*Rice*												
383,253	87.5	322	...	...	...	62,132	67.3	636	270,494	78.3	238	1,394	0.1	1,786	4
383,253	87.5	322	...	...	...	62,132	68.1	636	270,494	82.1	238	1,394	0.1	1,786	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
459	84.5	292	...	...	...	321	12.0	324	3,732	11.2	188	...	...	...	7
459	84.5	292	...	...	...	321	19.0	324	3,732	21.9	188	...	...	...	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
145,975	90.3	315	...	...	...	42,203	69.5	580	128,022	96.0	254	200	(Z)	1,000	10
145,975	90.3	315	...	...	...	42,203	69.5	580	128,022	96.0	254	200	(Z)	1,000	11
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
192,444	92.3	335	...	...	...	18,449	68.8	794	112,519	91.5	237	224	(Z)	2,054	13
192,444	92.3	335	...	...	...	18,449	68.8	794	112,519	91.5	237	224	(Z)	2,054	14
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15
44,375	65.9	288	...	...	...	1,159	56.2	224	26,221	46.8	170	970	0.4	1,887	16
44,375	65.9	288	...	...	...	1,159	57.3	224	26,221	46.6	170	970	0.4	1,887	17
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18
Corn			*Cotton*												
363,655	51.2	229	1,538,208	90.6	257	58,905	71.6	376	642,279	28.3	184	78,402	0.9	2,973	19
33,491	66.9	256	199,369	93.4	290	6,389	57.3	337	411,557	37.4	168	12,896	0.7	2,598	20
330,164	50.1	226	1,338,839	90.2	252	52,516	73.8	381	230,722	19.7	214	65,506	0.9	3,047	21
8,900	62.4	231	...	...	...	5,420	57.4	364	37,160	82.7	219	7,180	1.9	3,453	22
410	97.6	307	...	...	...	405	62.6	326	1,000	49.4	234	130	1.1	5,462	23
8,490	61.3	227	...	...	...	5,015	57.0	367	36,160	84.2	219	7,050	1.9	3,416	24
28,077	53.9	219	10,855	[1]103.0	255	4,077	78.3	486	20,363	50.8	262	6,234	0.7	3,432	25
930	91.2	333	50	82.0	360	100	74.6	640	734	86.4	294	535	3.7	1,757	26
27,147	53.1	215	10,805	[1]103.1	255	3,977	78.4	482	19,629	50.1	261	5,699	0.7	3,589	27
17,189	54.8	257	11,117	60.4	262	16,856	87.2	353	35,982	41.2	230	7,661	1.2	3,150	28
518	55.2	320	325	44.4	197	3,448	71.9	309	2,214	33.4	277	365	1.6	4,192	29
16,671	54.8	255	10,792	61.1	264	13,408	92.3	365	33,768	41.8	227	7,296	1.2	3,098	30
47,867	54.3	239	97,736	92.4	275	5,401	74.1	451	29,511	19.2	229	5,870	0.6	3,593	31
2,840	61.7	280	9,648	97.9	250	225	44.5	524	5,191	18.9	139	536	0.8	4,190	32
45,027	53.8	236	88,088	91.8	277	5,176	76.3	448	24,320	19.3	248	5,334	0.6	3,533	33
13,893	50.4	233	4,535	[1]103.4	281	3,715	74.3	350	8,835	46.2	216	6,805	1.5	2,283	34
410	44.0	268	60	22.2	200	134	20.2	299	2,445	73.1	132	807	4.1	1,998	35
13,483	50.6	232	4,475	[1]108.7	282	3,581	82.6	352	6,390	40.4	249	5,998	1.4	2,322	36
35,333	74.2	234	66,010	85.8	258	9,492	72.5	331	14,520	41.1	191	5,993	1.0	1,578	37
398	71.8	367	1,583	85.5	220	1,031	74.4	382	2,155	38.7	156	155	0.8	323	38
34,935	74.3	233	64,427	85.8	259	8,461	72.2	325	12,365	41.6	197	5,838	1.0	1,611	39
38,535	73.1	233	77,175	88.3	325	6,781	[1]103.1	476	27,467	49.9	178	5,583	1.0	2,532	40
1,370	68.9	152	3,809	92.5	334	160	[1]126.0	488	14,696	53.9	139	653	1.2	2,236	41
37,165	73.3	236	73,366	88.1	325	6,621	[1]102.7	476	12,771	46.0	224	4,930	1.0	2,571	42
73,818	38.1	232	471,048	94.1	247	3,247	40.8	284	115,261	14.8	156	16,436	0.9	3,103	43
7,542	52.9	269	62,261	93.6	276	237	22.1	346	94,645	23.1	151	5,060	0.8	2,373	44
66,276	37.0	228	408,787	94.1	242	3,010	43.7	279	20,616	5.6	176	11,376	0.9	3,427	45
13,871	61.2	224	76,290	87.4	281	1,027	71.7	343	224,334	54.6	181	3,780	0.5	3,743	46
5,399	72.6	222	32,502	91.4	313	7	2.1	571	216,514	57.2	180	1,475	0.3	2,194	47
8,472	55.6	226	43,788	84.7	257	1,020	92.5	341	7,820	24.2	216	2,305	1.1	4,734	48
60,125	46.6	201	527,120	89.6	237	1,542	35.9	236	68,605	14.5	177	7,315	0.5	3,216	49
6,982	73.5	262	48,689	92.4	273	62	11.3	129	30,292	23.7	155	915	0.4	3,239	50
53,143	44.5	193	478,431	89.3	233	1,480	39.6	241	38,313	11.1	194	6,400	0.6	3,213	51
26,047	51.5	241	196,322	90.3	288	1,347	50.1	373	60,241	34.9	157	5,545	0.8	2,502	52
6,692	79.4	247	40,442	96.9	319	580	61.5	290	41,671	37.7	157	2,265	1.0	2,983	53
19,355	45.9	239	155,880	88.7	279	767	44.0	435	18,570	29.9	157	3,280	0.7	2,170	54
Cotton			*Rice*												
745,276	84.7	383	369,863	78.0	212	1,149,793	57.9	698	1,103,591	33.9	287	70,400	0.5	3,824	55
744,782	84.7	383	369,863	78.0	212	1,115,060	61.0	707	1,037,284	40.6	293	68,117	0.6	3,862	56
494	...	462	...	...	...	34,733	21.7	407	66,307	9.4	186	2,283	0.1	2,687	57
...	...	...	...	...	...	9,683	35.6	378	2,149	23.8	456	1,714	0.6	2,039	58
...	...	...	...	...	...	6,073	49.9	399	758	8.4	398	1,094	0.9	2,170	59
...	...	...	...	...	...	3,610	24.0	343	1,391	(1)	487	620	0.4	1,806	60
...	...	...	...	...	...	15,419	22.7	383	4,547	13.0	310	915	0.3	1,952	61
...	...	...	...	...	...	4,178	30.0	333	1,888	9.1	195	350	0.3	1,286	62
...	...	...	...	...	...	11,241	20.8	401	2,659	18.8	392	565	0.2	2,365	63
...	...	...	1,535	100.0	236	103,578	53.3	752	34,208	19.3	396	7,005	0.8	3,069	64
...	...	...	1,535	100.0	236	99,478	60.1	767	27,041	23.7	417	6,750	1.3	3,070	65
...	...	...	...	...	...	4,100	14.2	389	7,167	11.4	317	255	0.1	3,059	66
996	89.6	954	...	...	...	121,872	74.8	1,223	48,478	14.0	437	2,511	0.2	2,365	67
996	89.6	954	...	...	...	120,134	82.5	1,232	36,349	25.3	533	2,021	0.4	2,245	68
...	...	...	...	...	...	1,738	10.0	585	12,129	6.0	147	490	0.1	2,857	69
...	...	...	297,272	81.7	217	115,085	65.2	410	243,548	33.1	236	6,175	0.3	4,261	70
...	...	...	297,272	81.7	217	112,202	68.2	414	227,188	37.0	244	5,960	0.3	4,205	71
...	...	...	...	...	...	2,883	24.1	255	16,360	13.5	119	215	0.1	5,814	72
20,773	71.0	335	25,325	63.1	184	176,177	54.7	512	81,274	26.6	268	16,715	1.0	3,647	73
20,773	71.0	335	25,325	63.1	184	171,307	54.7	516	74,724	28.0	278	16,675	1.2	3,654	74
...	...	...	...	...	...	4,870	55.8	391	6,550	17.0	158	40	(Z)	750	75

Table 3.—USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF LIME, FOR IRRIGATED AND

[For data for 28 specified

	State and economic area	Fertilizer											
		All crops and all pasture fertilized			Hay and cropland pasture fertilized			Other pasture fertilized			All crops fertilized except hay		
		Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)
	California - Continued												
1	Areas 6 and E.....	1,380,312	19.5	365	63,646	6.8	304	9,997	0.3	293	1,309,414	58.5	367
2	Irrigated farms ..	1,377,449	26.7	365	63,502	7.6	305	9,997	0.5	293	1,306,695	61.3	367
3	Non-irrigated farms	2,863	0.2	397	144	0.1	125	...	...	...	2,719	2.5	412
4	Areas 7, F, G, and H.....	353,319	8.5	658	34,967	7.2	239	7,444	0.2	278	310,596	47.4	715
5	Irrigated farms ..	336,802	17.9	677	30,231	9.0	249	6,365	0.6	277	299,925	55.3	729
6	Non-irrigated farms	16,517	0.7	285	4,736	3.1	177	1,079	0.1	287	10,671	9.5	333
7	Area 8	535,765	51.7	458	156,115	62.5	307	2,720	0.9	404	377,963	75.9	519
8	Irrigated farms ..	529,108	63.0	459	153,433	68.9	307	2,485	1.7	419	374,223	80.3	521
9	Non-irrigated farms	6,657	3.4	333	2,682	10.0	326	235	0.2	255	3,740	11.7	343
10	Area 9	104,827	2.7	234	27,641	4.4	178	8,697	0.3	247	68,631	32.6	254
11	Irrigated farms ..	90,058	3.3	256	23,353	5.0	196	7,929	0.4	256	58,925	33.9	279
12	Non-irrigated farms	14,769	1.3	101	4,288	2.6	78	768	0.1	164	9,706	26.2	107
13	Colorado, total	422,476	1.4	218	80,734	3.5	191	9,283	(Z)	169	332,273	8.5	225
14	Irrigated farms ..	370,447	2.7	233	76,807	4.7	193	7,423	0.1	182	285,896	25.2	246
15	Non-irrigated farms	52,029	0.3	104	3,927	0.6	168	1,860	(Z)	118	46,377	1.7	98
16	Area 1	11,334	0.3	167	9,589	1.9	164	415	(Z)	106	1,305	1.2	210
17	Irrigated farms ..	11,097	0.3	168	9,472	2.1	165	415	(Z)	106	1,185	2.1	218
18	Non-irrigated farms	237	(Z)	110	117	0.2	85	...	...	...	120	0.2	133
19	Area 2a	61,915	2.5	249	29,696	11.0	218	2,352	0.1	250	30,017	10.9	278
20	Irrigated farms ..	61,200	2.8	246	29,091	11.3	217	2,352	0.1	226	29,907	20.0	275
21	Non-irrigated farms	715	0.2	470	605	4.5	294	...	...	...	110	0.1	927
22	Area 2b.	36,475	1.8	276	3,892	1.2	178	975	0.1	62	31,658	25.1	294
23	Irrigated farms ..	35,585	2.1	282	3,772	1.3	178	205	(Z)	195	31,658	25.1	294
24	Non-irrigated farms	890	0.3	52	120	0.3	200	770	0.3	26	...	...	...
25	Area 3	223,760	5.5	208	24,561	6.0	174	3,290	0.1	165	195,522	20.6	214
26	Irrigated farms ..	207,544	11.1	217	23,198	7.8	178	2,960	0.3	169	180,979	38.3	223
27	Non-irrigated farms	16,216	0.7	97	1,363	1.2	106	330	(Z)	133	14,543	3.0	96
28	Areas 4 and A.....	53,883	0.6	158	6,733	1.5	143	1,591	(Z)	116	45,574	2.4	162
29	Irrigated farms ..	21,640	1.4	251	5,414	5.3	156	1,081	0.1	133	15,045	9.5	295
30	Non-irrigated farms	32,243	0.4	96	1,319	0.4	92	510	(Z)	78	30,529	1.8	96
31	Area 5	35,109	0.4	267	6,263	1.9	234	660	(Z)	230	28,197	5.0	276
32	Irrigated farms ..	33,381	1.2	271	5,860	2.5	220	410	(Z)	224	27,122	16.1	283
33	Non-irrigated farms	1,728	(Z)	199	403	0.4	447	250	(Z)	240	1,075	0.3	97
34	Florida, total	2,318,739	30.5	912	223,361	23.7	383	574,594	12.0	330	1,521,002	81.2	1,209
35	Irrigated farms ..	658,963	36.0	1,259	48,171	37.2	440	171,875	14.0	347	438,700	92.9	1,706
36	Non-irrigated farms	1,659,776	28.8	774	175,190	21.6	367	402,719	11.3	323	1,082,302	77.3	1,007
37	Area 1	202,147	65.0	461	21,652	36.0	505	27,668	34.3	364	152,147	89.4	474
38	Irrigated farms ..	2,394	68.8	649	1,574	[1]132.4	661	485	29.1	540	335	53.7	752
39	Non-irrigated farms	199,753	65.0	459	20,078	34.1	493	27,183	34.4	361	151,812	89.5	474
40	Areas 2 and A.....	107,061	38.0	896	19,376	24.2	378	32,71-	30.4	472	54,848	58.5	1,334
41	Irrigated farms ..	32,210	90.0	1,636	3,186	58.2	701	8,275	73.6	605	20,729	[1]108.6	2,192
42	Non-irrigated farms	74,851	30.4	578	16,190	21.7	314	24,439	25.4	427	34,119	45.6	812
43	Area 3	564,079	46.8	448	45,442	15.8	366	76,193	31.2	354	443,010	65.7	472
44	Irrigated farms ..	73,934	60.5	702	10,807	40.7	442	13,125	45.7	423	49,643	74.2	837
45	Non-irrigated farms	490,145	45.2	409	34,635	13.2	342	63,068	29.3	340	393,367	64.8	426
46	Area 4	181,844	29.1	957	18,386	58.3	213	68,604	14.1	279	95,323	90.1	1,584
47	Irrigated farms ..	98,204	37.2	988	6,170	46.8	266	37,585	19.8	268	54,493	89.8	1,565
48	Non-irrigated farms	83,640	23.2	921	12,216	66.6	186	31,019	10.4	293	40,830	90.7	1,608
49	Areas 5 and B.....	832,833	28.7	1,268	70,416	21.7	425	217,902	11.0	332	544,505	91.6	1,751
50	Irrigated farms ..	222,125	28.6	1,492	8,159	20.1	507	59,765	10.5	395	154,196	93.6	1,969
51	Non-irrigated farms	610,708	28.8	1,186	62,257	21.9	414	158,137	11.2	308	390,309	90.8	1,665
52	Areas 6 and C.....	430,775	19.0	1,027	48,089	30.9	350	151,513	8.0	302	231,169	98.8	1,644
53	Irrigated farms ..	230,096	36.7	1,282	18,275	43.0	403	52,640	12.4	287	159,304	99.5	1,710
54	Non-irrigated farms	200,679	12.2	736	29,814	26.4	317	98,873	6.8	309	71,865	97.3	1,497
55	Idaho, total	949,792	8.6	233	234,071	14.0	211	24,146	0.4	182	691,598	26.6	242
56	Irrigated farms ..	683,355	9.4	278	206,839	15.6	219	22,092	0.5	185	454,061	30.9	310
57	Non-irrigated farms	266,437	7.2	117	27,232	7.9	155	2,054	0.1	151	237,537	20.9	112
58	Area 1	99,615	3.6	145	23,442	6.0	184	1,432	0.1	159	74,858	23.2	132
59	Irrigated farms ..	29,705	1.8	208	11,987	4.6	217	900	0.1	171	16,868	15.0	202
60	Non-irrigated farms	69,910	6.5	118	11,455	8.8	150	532	0.1	139	57,990	27.6	112
61	Area 2	188,469	22.6	116	15,460	14.4	139	1,881	0.8	141	171,424	35.6	114
62	Irrigated farms ..	10,520	14.9	140	1,962	18.6	188	479	1.1	159	8,026	53.0	128
63	Non-irrigated farms	177,949	23.3	115	13,498	13.9	132	1,402	0.7	136	163,398	35.1	113
64	Area 3a	141,310	6.4	435	35,078	10.9	283	5,577	0.3	327	100,824	38.5	493
65	Irrigated farms ..	136,400	7.0	443	34,362	11.7	281	5,527	0.4	326	96,685	39.5	507
66	Non-irrigated farms	4,910	2.0	209	716	2.4	388	50	(Z)	400	4,139	23.7	176
67	Area 3b	255,783	16.2	255	82,120	26.3	211	5,630	0.7	187	167,373	38.3	279
68	Irrigated farms ..	251,858	18.7	256	80,930	27.3	210	5,560	0.9	185	164,733	40.4	281
69	Non-irrigated farms	3,925	1.7	184	1,190	7.6	235	70	(Z)	371	2,640	9.3	158
70	Area 4	264,615	7.3	220	77,971	14.6	202	9,626	0.5	107	177,119	16.1	234
71	Irrigated farms ..	254,872	11.3	226	77,598	16.7	201	9,626	0.9	107	167,749	24.4	244
72	Non-irrigated farms	9,743	0.7	80	373	0.5	408	...	...	...	9,370	2.3	67

Z Less than 0.05. [1]Over 100 percent. See text.

NON-IRRIGATED FARMS, BY ECONOMIC AREAS, FOR 20 SPECIFIED STATES: CENSUS OF 1954—Continued

[States, see Table 2]

Fertilizer—Continued											Lime			
Specified crops fertilized			Specified crops fertilized			Fruits, vegetables, and potatoes fertilized			Other crops fertilized except hay			Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)				
634,622	84.2	369	38,824	69.9	196	221,060	44.9	615	414,908	44.3	247	30,016	0.8	4,508	1
634,128	84.2	369	38,824	69.9	196	219,975	45.0	616	413,768	49.7	247	29,989	0.9	4,511	2
494	...	462	...	...	...	1,085	30.3	503	1,140	1.1	302	27	(Z)	963	3
1,419	64.1	1,297	...	...	...	243,706	67.4	793	65,471	22.5	414	2,911	0.2	2,262	4
1,419	64.1	1,297	...	...	...	240,191	69.1	798	58,315	30.2	433	2,850	0.3	2,247	5
...	...	...	...	...	...	3,515	24.6	483	7,156	7.3	259	61	(Z)	2,984	6
87,466	93.4	476	1,429	89.9	276	118,350	82.3	751	170,718	65.9	379	1,160	0.1	2,228	7
87,466	93.4	476	1,429	89.9	276	117,485	82.6	750	167,843	73.4	382	1,160	0.1	2,228	8
...	...	...	...	...	...	865	52.1	948	2,875	9.5	159	...	...	...	9
...	...	...	5,478	46.4	161	24,863	65.4	431	38,290	23.8	153	1,278	0.1	3,698	10
...	...	...	5,478	46.4	161	24,037	71.2	442	29,410	23.0	167	1,268	0.1	3,719	11
...	...	...	...	...	...	826	19.4	109	8,880	27.1	106	10	(Z)	1,000	12
Corn			*Sugar beets*												
90,374	22.8	175	99,924	88.3	265	49,879	49.3	345	92,096	2.8	165	1,000	(Z)	1,598	13
73,505	35.0	199	99,834	88.9	265	49,474	50.0	345	63,083	8.9	190	780	(Z)	1,728	14
16,869	9.1	67	90	10.1	489	405	18.5	365	29,013	1.1	109	220	(Z)	1,136	15
245	11.6	188	95	40.3	421	295	12.1	231	670	0.6	170	...	...	...	16
245	11.8	188	95	40.3	421	295	13.8	231	550	1.0	178	...	...	...	17
...	...	...	...	...	...	...	...	...	120	0.2	133	...	...	...	18
8,361	30.1	235	3,729	63.7	413	7,444	36.2	344	10,483	4.7	215	...	...	...	19
8,291	30.8	233	3,729	63.8	408	7,439	36.6	344	10,448	10.8	212	...	...	...	20
70	8.4	429	...	...	...	5	2.4	...	35	(Z)	1,086	...	...	...	21
1,599	59.0	154	1,384	75.1	298	21,729	55.0	337	6,946	8.5	192	650	0.1	1,766	22
1,599	61.8	154	1,384	75.1	298	21,729	55.1	337	6,946	8.5	192	650	0.1	1,766	23
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24
55,117	37.7	183	79,882	92.0	250	14,508	65.6	301	46,015	6.6	157	5	(Z)	4,000	25
50,218	41.1	193	79,882	92.4	250	14,283	65.2	303	36,596	15.1	172	5	(Z)	4,000	26
4,899	20.6	87	...	...	...	225	94.5	151	9,419	2.1	99	...	...	...	27
18,491	10.4	107	2,750	75.3	265	3,247	45.2	595	21,086	1.2	128	345	(Z)	1,246	28
6,661	27.8	197	2,750	76.1	265	3,127	46.7	583	2,507	2.0	228	125	(Z)	1,440	29
11,830	7.7	56	...	...	...	120	24.6	900	18,579	1.2	114	220	(Z)	1,136	30
6,561	16.9	221	12,084	82.1	312	2,656	28.5	366	6,896	1.4	223	...	...	...	31
6,491	20.3	222	11,994	84.1	312	2,601	31.0	371	6,036	5.3	245	...	...	...	32
70	1.0	171	90	20.0	267	55	6.0	109	860	0.2	70	...	...	...	33
Corn			*Cotton*												
374,253	70.4	325	32,931	97.7	617	905,081	90.5	1,705	208,737	68.1	735	461,127	10.3	1,578	34
35,500	77.2	391	907	98.2	748	339,004	91.1	1,984	63,289	[1]119.2	985	161,299	15.9	1,532	35
338,753	69.7	318	32,024	97.7	613	566,077	90.1	1,538	145,448	57.3	627	299,828	8.7	1,602	36
82,792	92.7	397	12,513	94.4	681	20,833	76.1	583	36,009	89.5	518	13,976	4.5	1,567	37
100	67.1	320	...	...	...	120	[1]100.8	667	115	32.3	1,217	375	13.3	2,123	38
82,692	92.8	397	12,513	94.4	681	20,713	76.0	582	35,894	90.0	516	13,601	4.4	1,551	39
12,476	45.6	412	28	93.3	500	37,424	94.2	1,730	4,920	18.4	709	26,003	9.8	1,767	40
235	32.8	655	...	...	...	20,036	[1]114.4	2,235	458	53.3	1,559	6,959	19.4	2,087	41
12,241	45.9	408	28	93.3	500	17,388	78.2	1,148	4,462	17.3	621	19,044	8.3	1,651	42
268,189	69.0	295	20,115	99.8	575	56,822	68.5	753	97,884	53.7	770	34,454	2.6	1,380	43
31,529	85.8	387	717	97.3	745	5,965	88.7	1,003	11,432	50.5	1,981	8,154	6.2	1,335	44
236,660	67.2	282	19,398	99.9	569	50,857	66.8	723	86,452	54.2	610	26,300	2.2	1,394	45
110	26.3	909	...	...	...	87,032	90.2	1,619	8,181	92.0	1,229	45,594	15.5	1,410	46
100	37.9	920	...	...	...	47,869	89.8	1,682	6,524	91.6	719	26,477	17.6	1,286	47
10	6.5	800	...	...	...	39,163	90.8	1,542	1,657	93.6	3,237	19,117	13.2	1,581	48
6,771	32.3	376	275	[1]100.7	756	526,234	95.7	1,779	11,225	47.9	1,326	268,307	18.5	1,639	49
2,481	50.6	388	190	[1]101.6	758	146,079	91.4	2,011	5,446	([1])	1,845	69,003	21.4	1,638	50
4,290	26.7	369	85	98.8	753	380,155	97.4	1,690	5,779	24.4	836	199,304	17.6	1,639	51
3,915	82.5	475	...	...	...	176,736	86.7	1,958	50,518	[1]199.4	614	72,793	9.2	1,486	52
1,055	32.9	444	...	...	...	118,935	88.4	2,080	39,314	[1]176.3	614	50,331	13.6	1,467	53
2,860	[1]185.8	486	...	...	...	57,801	83.4	1,707	11,204	[1]369.8	615	22,462	5.3	1,529	54
Sugar beets			*Wheat*												
77,835	90.8	481	276,031	23.9	154	109,397	56.5	401	228,335	19.5	189	...	...	...	55
77,835	90.8	481	138,274	26.3	195	108,909	60.2	402	129,043	19.1	250	...	...	...	56
...	...	...	137,757	21.9	113	488	3.9	270	99,292	20.1	110	...	...	...	57
40	15.7	950	39,077	27.3	123	2,278	32.1	265	33,463	19.5	133	...	...	...	58
40	15.7	950	6,360	18.5	169	2,223	33.7	263	8,245	11.6	206	...	...	...	59
...	...	...	32,717	30.0	114	55	11.1	364	25,218	25.1	108	...	...	...	60
400	[1]339.0	575	101,087	48.8	114	193	1.8	166	69,744	26.5	109	...	...	...	61
400	[1]339.0	575	5,046	[1]109.9	93	45	8.7	178	2,535	25.6	128	...	...	...	62
...	...	...	96,041	47.4	115	148	1.5	162	67,209	26.5	108	...	...	...	63
23,278	82.8	659	17,798	31.8	244	18,205	51.3	860	41,543	29.2	346	...	...	...	64
23,278	82.8	659	15,697	34.5	263	18,180	51.5	860	39,530	29.1	350	...	...	...	65
...	...	...	2,101	20.0	99	25	14.7	240	2,013	29.8	255	...	...	...	66
36,164	[1]101.7	426	57,922	44.1	200	25,315	68.2	380	47,972	20.6	210	...	...	...	67
36,164	[1]101.7	426	56,167	50.1	203	25,245	68.8	380	47,157	21.1	210	...	...	...	68
...	...	...	1,755	9.1	121	70	16.5	257	815	9.5	216	...	...	...	69
17,953	82.9	359	60,147	9.7	171	63,406	61.4	284	35,613	9.9	187	...	...	...	70
17,953	82.9	359	55,004	16.7	181	63,216	62.1	283	31,576	13.4	204	...	...	...	71
...	...	...	5,143	1.8	66	190	12.7	337	4,037	3.2	54	...	...	...	72

Table 3.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF LIME, FOR IRRIGATED AND

[For data for 28 specified

	State and economic area	Fertilizer											
		All crops and all pasture fertilized			Hay and cropland pasture fertilized			Other pasture fertilized			All crops fertilized except hay		
		Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)
1	Kansas, total	3,853,188	9.5	117	247,321	6.4	154	52,374	0.3	154	3,550,662	18.7	114
2	Irrigated farms	120,894	5.8	125	11,522	6.8	172	1,516	0.2	149	108,322	11.4	119
3	Non-irrigated farms	3,732,294	9.7	117	235,799	6.4	153	50,858	0.3	154	3,442,340	19.1	114
4	Area 1	59,192	0.8	79	3,050	1.1	117	522	(Z)	123	55,607	1.6	77
5	Irrigated farms	29,174	2.7	79	751	1.1	128	412	0.1	126	28,016	5.7	77
6	Non-irrigated farms	30,018	0.5	80	2,299	1.1	114	110	(Z)	109	27,591	0.9	77
7	Area 2a	175,475	2.1	84	9,915	2.7	91	213	(Z)	225	165,802	3.6	83
8	Irrigated farms	27,002	4.4	118	2,078	4.1	121	50	(Z)	400	24,939	8.3	117
9	Non-irrigated farms	148,473	1.9	78	7,837	2.5	83	163	(Z)	172	140,863	3.3	77
10	Area 2b	72,022	2.5	100	5,092	2.7	104	940	0.1	162	65,823	4.7	99
11	Irrigated farms	2,138	3.1	117	80	1.6	350	...	...	...	2,058	7.7	108
12	Non-irrigated farms	69,884	2.4	99	5,012	2.7	100	940	0.1	162	63,765	4.6	99
13	Areas 3a and A	645,245	16.6	86	27,866	6.9	128	4,843	0.5	86	609,360	24.9	85
14	Irrigated farms	15,405	21.6	95	3,542	31.4	107	130	0.6	123	12,102	33.1	89
15	Non-irrigated farms	629,840	16.5	86	24,324	6.2	131	4,713	0.5	85	597,258	24.8	85
16	Area 3b	417,686	16.5	96	13,994	4.6	138	1,563	0.2	101	402,443	32.0	94
17	Irrigated farms	9,460	13.6	165	185	1.9	270	...	...	...	9,285	42.6	163
18	Non-irrigated farms	408,226	16.6	94	13,809	4.7	136	1,563	0.2	101	393,158	31.9	92
19	Area 4	248,071	8.0	119	8,821	2.1	169	1,740	0.1	147	238,255	16.0	116
20	Irrigated farms	8,465	10.2	150	608	6.0	118	...	...	...	7,877	21.9	152
21	Non-irrigated farms	239,606	8.0	118	8,213	2.0	173	1,740	0.2	147	230,378	15.9	115
22	Area 5	546,186	10.0	122	45,492	6.8	155	6,176	0.2	190	494,518	42.3	118
23	Irrigated farms	11,980	23.3	160	1,920	23.9	238	145	0.5	221	9,912	67.6	144
24	Non-irrigated farms	534,206	9.8	121	43,572	6.6	151	6,031	0.2	190	484,606	42.0	117
25	Areas 6 and B	578,955	22.3	144	56,123	9.9	169	16,813	2.1	175	507,463	40.8	140
26	Irrigated farms	11,345	45.5	181	1,353	23.4	207	264	4.3	197	9,728	74.9	177
27	Non-irrigated farms	567,610	22.0	143	54,770	9.7	168	16,549	2.1	175	497,735	40.4	139
28	Area 7a	546,192	20.8	139	47,998	11.4	164	10,995	0.9	149	486,556	47.3	136
29	Irrigated farms	3,045	31.7	104	490	24.5	98	500	20.7	100	2,055	39.6	106
30	Non-irrigated farms	543,147	20.7	139	47,508	11.4	165	10,495	0.9	151	484,501	47.3	137
31	Area 7b	564,164	32.6	130	28,970	12.2	166	8,569	1.2	143	524,835	67.1	129
32	Irrigated farms	2,880	30.6	258	515	36.0	629	15	0.4	267	2,350	53.4	176
33	Non-irrigated farms	561,284	32.6	130	28,455	12.0	158	8,554	1.2	142	522,485	67.2	129
34	Louisiana, total	2,477,769	38.2	237	229,325	9.8	273	118,744	7.8	233	2,130,318	80.7	233
35	Irrigated farms	720,456	49.7	197	28,220	5.1	233	13,043	12.2	228	680,804	86.5	195
36	Non-irrigated farms	1,757,313	34.9	253	201,105	11.3	279	105,701	7.5	233	1,449,514	78.2	251
37	Areas 1 and A	243,438	33.6	218	31,492	10.7	204	14,137	7.3	194	197,377	83.6	222
38	Irrigated farms	16,123	27.8	200	3,675	13.9	184	420	3.3	76	12,508	66.9	201
39	Non-irrigated farms	227,315	34.1	219	27,817	10.4	206	13,717	7.5	198	184,869	85.0	223
40	Area 2	474,169	40.5	245	42,921	13.6	256	23,609	10.0	139	409,383	66.2	248
41	Irrigated farms	47,918	42.2	259	6,677	17.4	235	5,009	24.2	128	36,565	67.3	278
42	Non-irrigated farms	426,251	40.4	243	36,244	13.1	260	18,600	8.6	142	372,818	66.1	245
43	Area 3	358,676	45.6	244	15,688	7.2	224	6,189	4.2	214	337,017	80.4	245
44	Irrigated farms	78,145	48.3	181	1,081	2.5	233	483	4.0	178	77,435	72.4	178
45	Non-irrigated farms	280,531	44.9	262	14,607	8.3	224	5,706	4.2	217	259,582	83.2	266
46	Area 4	174,399	32.2	288	31,085	15.7	273	16,007	8.0	233	126,299	88.5	302
47	Irrigated farms	4,693	52.2	353	523	19.6	275	1,240	73.0	271	2,980	64.3	395
48	Non-irrigated farms	169,706	31.9	287	30,562	15.7	273	14,767	7.4	230	123,319	89.3	299
49	Areas 5 and B	209,037	31.8	393	47,979	15.8	361	27,772	15.0	326	133,790	79.0	418
50	Irrigated farms	13,791	48.3	737	1,451	15.0	346	1,390	36.1	475	10,878	72.3	828
51	Non-irrigated farms	195,246	31.0	369	46,528	15.8	362	26,382	14.6	318	122,912	79.6	381
52	Area 6	361,487	49.9	182	12,889	8.7	187	8,779	5.5	257	340,083	81.8	179
53	Irrigated farms	35,394	63.1	184	2,462	25.2	158	495	15.0	638	32,387	75.2	179
54	Non-irrigated farms	326,093	48.8	181	10,427	7.6	194	8,284	5.3	234	307,696	82.5	179
55	Area 7	572,918	37.6	186	22,165	3.4	233	7,574	2.6	236	542,986	92.8	184
56	Irrigated farms	515,174	51.7	180	10,698	2.6	251	3,886	8.6	222	500,606	93.5	178
57	Non-irrigated farms	57,744	11.0	246	11,467	5.0	216	3,688	1.5	251	42,380	85.4	255
58	Area 8	83,645	23.0	297	25,106	12.1	333	14,677	14.2	235	43,383	79.6	300
59	Irrigated farms	9,218	35.5	170	1,653	17.4	214	120	1.6	283	7,445	84.2	158
60	Non-irrigated farms	74,427	22.0	313	23,453	11.9	342	14,557	15.2	235	35,938	78.7	329
61	Montana, total	637,163	1.2	86	109,748	3.6	136	9,011	(Z)	113	518,623	8.5	75
62	Irrigated farms	250,950	1.2	164	89,322	5.4	153	6,036	(Z)	161	154,707	14.1	171
63	Non-irrigated farms	386,213	1.2	36	20,426	1.5	62	2,975	(Z)	17	363,916	7.2	34
64	Area 1a	53,256	4.2	147	23,227	7.6	146	1,537	0.2	148	28,447	17.5	148
64	Irrigated farms	36,929	4.6	164	19,551	8.9	141	1,487	0.3	148	15,866	17.2	195
66	Non-irrigated farms	16,327	3.5	108	3,676	4.2	170	50	(Z)	160	12,581	17.8	89
67	Area 1b	69,931	0.9	122	32,751	4.2	142	1,850	(Z)	78	35,389	12.3	106
68	Irrigated farms	61,915	0.9	129	31,140	4.5	145	1,818	(Z)	77	28,841	14.1	116
69	Non-irrigated farms	8,016	0.8	68	1,611	1.9	94	32	(Z)	125	6,548	7.8	60
70	Area 2a	298,916	3.6	43	20,840	4.5	103	3,312	0.1	89	274,468	16.9	38
71	Irrigated farms	41,463	1.7	129	8,315	4.9	232	599	(Z)	451	31,655	12.2	100
72	Non-irrigated farms	257,453	4.4	29	12,525	4.2	17	2,713	0.1	10	242,813	17.8	30
73	Area 2b	122,892	0.8	77	6,393	0.9	132	425	(Z)	160	116,465	3.5	73
74	Irrigated farms	35,326	0.9	176	5,208	2.4	146	280	(Z)	200	29,878	10.6	180
75	Non-irrigated farms	87,566	0.8	37	1,185	0.2	74	145	(Z)	83	86,587	2.8	36
76	Area 3a	54,668	1.0	201	15,601	6.4	145	1,254	(Z)	132	37,847	9.7	227
77	Irrigated farms	48,117	2.0	221	14,803	8.6	145	1,219	0.1	135	32,129	18.3	260
78	Non-irrigated farms	6,551	0.2	55	798	1.1	153	35	(Z)	57	5,718	2.7	41
79	Area 3b	37,500	0.3	140	10,936	2.2	147	633	(Z)	190	26,007	7.8	135
80	Irrigated farms	27,200	0.5	176	10,305	5.5	149	633	(Z)	190	16,338	19.3	191
81	Non-irrigated farms	10,300	0.1	46	631	0.2	111	...	...	...	9,669	3.9	41

Z Less than 0.05. [1]Over 100 percent. See text.

ION-IRRIGATED FARMS, BY ECONOMIC AREAS, FOR 20 SPECIFIED STATES: CENSUS OF 1954—Continued

tates, see Table 2]

Fertilizer—Continued											Lime			
Specified crops fertilized			Specified crops fertilized			Fruits, vegetables, and potatoes fertilized			Other crops fertilized except hay			Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)				
Corn			*Wheat*												
563,579	27.7	128	1,987,244	21.0	108	5,863	37.3	265	993,976	13.4	116	187,247	0.6	4,005	1
22,200	49.2	146	35,981	9.0	94	1,899	81.3	264	48,242	9.6	118	4,437	0.3	3,632	2
541,379	27.2	128	1,951,263	21.5	108	3,964	29.6	265	945,734	13.7	115	182,810	0.6	4,014	3
1,952	15.9	97	24,212	1.4	75	134	22.2	343	29,309	1.7	75	300	(Z)	5,333	4
1,692	25.6	99	5,261	2.7	69	82	18.1	49	20,981	7.3	76	...	...	...	5
260	4.6	85	18,951	1.2	77	52	34.2	808	8,328	0.6	73	300	(Z)	5,333	6
3,373	3.6	116	83,744	3.1	80	20	4.0	200	78,665	4.4	85	1,194	(Z)	3,720	7
1,035	19.9	145	8,656	6.2	93	...	...	...	15,248	9.8	129	320	0.1	3,750	8
2,338	2.6	104	75,088	2.9	78	20	5.1	200	63,417	3.9	74	874	(Z)	3,709	9
2,921	7.2	126	51,455	5.8	97	22	13.1	455	11,425	2.4	100	475	(Z)	2,905	10
1,020	45.1	120	433	2.9	106	2	3.7	...	603	6.3	90	...	...	...	11
1,901	4.9	129	51,022	5.8	97	20	17.5	500	10,822	2.4	100	475	(Z)	2,905	12
19,181	35.5	106	452,638	28.0	82	255	11.4	471	137,286	17.7	91	20,320	0.6	3,513	13
820	82.1	88	7,922	39.1	76	50	13.0	480	3,310	22.2	111	1,835	3.2	3,820	14
18,361	34.7	107	444,716	27.9	82	205	11.0	468	133,976	17.7	90	18,485	0.6	3,482	15
30,187	18.7	102	309,339	43.3	90	372	57.1	108	62,545	16.5	104	9,507	0.5	3,646	16
1,826	50.2	137	6,129	60.8	87	45	42.9	89	1,285	16.1	562	50	0.1	4,000	17
28,361	17.9	100	303,210	43.0	90	327	59.9	110	61,260	16.5	94	9,457	0.6	3,644	18
68,258	14.8	122	147,222	23.6	110	...	...	...	22,775	5.6	134	8,509	0.4	3,779	19
5,804	43.0	151	1,316	10.7	116	...	...	...	757	7.5	219	175	0.3	857	20
62,454	14.0	119	145,906	23.8	110	...	...	...	22,018	5.6	131	8,334	0.4	3,840	21
54,836	24.7	127	281,484	67.7	119	255	16.3	329	157,943	29.8	112	27,908	1.4	3,738	22
3,121	72.0	175	2,943	60.1	126	100	32.8	640	3,748	73.1	117	1,322	4.8	3,339	23
51,715	23.8	124	278,541	67.7	118	155	12.3	129	154,195	29.4	112	26,586	1.3	3,758	24
195,189	33.3	141	203,330	70.4	136	3,665	49.0	274	105,279	29.1	136	40,451	2.0	4,053	25
5,467	82.0	162	2,036	83.1	167	1,135	[1]160.1	300	1,090	34.6	147	290	1.5	4,207	26
189,722	32.7	141	201,294	70.3	136	2,530	37.4	262	104,189	29.0	136	40,161	2.0	4,052	27
104,768	38.5	125	184,162	89.4	141	610	55.3	249	197,016	35.8	135	45,939	2.8	4,128	28
1,085	99.0	101	315	31.6	114	50	48.1	200	605	20.2	99	205	2.7	3,815	29
103,683	38.3	126	183,847	89.7	141	560	56.1	254	196,411	35.9	135	45,734	2.8	4,130	30
82,914	63.4	124	249,658	91.4	131	530	58.3	177	191,733	50.8	127	32,644	2.7	4,486	31
330	40.2	218	970	70.9	151	435	[1]679.7	129	615	28.6	228	240	3.5	4,750	32
82,584	63.5	124	248,688	91.5	131	95	11.2	400	191,118	50.9	126	32,404	2.7	4,484	33
Corn			*Cotton*												
430,869	71.0	232	649,537	96.7	270	120,506	65.8	427	929,406	78.8	180	92,305	1.6	1,906	34
18,657	79.2	298	37,690	92.2	269	10,450	90.5	872	614,007	86.4	175	11,381	0.8	1,601	35
412,212	70.7	229	611,847	96.9	270	110,056	64.1	384	315,399	67.3	191	80,924	1.9	1,949	36
47,669	75.8	213	130,861	99.0	218	3,325	28.8	344	15,522	52.4	237	5,215	0.8	2,176	37
2,444	70.8	196	7,452	77.7	200	60	6.5	667	2,552	54.0	197	...	...	...	38
45,225	76.1	214	123,409	[1]100.7	219	3,265	30.7	338	12,970	52.1	245	5,215	0.9	2,176	39
73,342	47.2	210	287,144	97.2	262	3,343	43.2	537	45,554	28.5	201	21,395	2.0	1,689	40
9,001	88.7	298	19,493	[1]103.6	264	603	70.0	1,423	7,468	30.5	189	4,608	4.2	1,286	41
64,341	44.3	198	267,651	96.8	261	2,740	39.8	342	38,086	28.1	203	16,787	1.7	1,800	42
90,737	73.0	191	112,240	96.2	293	44,274	73.0	383	89,766	76.5	170	6,895	1.0	2,069	43
1,436	61.1	298	6,411	97.5	305	1,381	66.9	382	68,207	71.1	159	958	0.6	2,027	44
89,301	73.2	190	105,829	96.1	293	42,893	73.2	383	21,559	[1]101.0	204	5,937	1.1	2,075	45
54,239	92.5	272	54,531	94.9	327	7,663	98.2	395	9,866	52.6	244	11,413	2.3	1,885	46
597	65.5	375	1,818	72.2	440	80	19.0	200	485	62.3	301	941	10.8	1,974	47
53,642	92.9	271	52,713	95.9	323	7,583	[1]102.7	397	9,381	52.2	241	10,472	2.1	1,877	48
68,433	87.7	329	16,745	91.6	457	35,826	62.2	584	12,786	82.9	346	34,191	5.7	1,973	49
1,950	80.3	482	131	81.4	672	6,338	[1]137.0	1,088	2,459	31.4	409	2,304	7.3	1,818	50
66,483	87.9	324	16,614	91.7	455	29,488	55.6	475	10,327	[1]135.9	331	31,887	5.6	1,984	51
70,575	77.2	177	13,560	93.9	240	15,035	63.7	284	240,913	84.1	170	2,423	0.4	1,575	52
2,048	88.5	233	117	[1]151.9	137	720	69.8	564	29,502	74.5	166	50	0.1	6,000	53
68,527	76.9	176	13,443	93.6	240	14,315	63.4	270	211,411	85.7	170	2,373	0.4	1,482	54
11,205	64.5	226	18,946	89.1	280	8,842	73.2	275	503,993	94.3	177	4,667	0.4	1,859	55
881	53.9	227	2,039	70.5	279	1,159	74.8	271	496,527	93.8	176	2,452	0.2	1,580	56
10,324	65.6	225	16,907	92.1	280	7,683	73.0	276	7,466	[1]148.7	231	2,215	0.7	2,168	57
14,669	79.4	336	15,510	95.0	305	2,198	[1]100.3	409	11,006	62.8	208	6,106	1.9	2,085	58
300	96.8	413	229	95.8	297	109	[1]149.3	495	6,807	82.8	137	68	0.3	1,912	59
14,369	79.1	335	15,281	94.9	306	2,089	98.6	405	4,199	45.2	323	6,038	2.0	2,087	60
Sugar beets			*Wheat*												
49,169	91.3	286	361,131	8.5	43	4,150	34.2	295	104,173	5.8	75	1,047	(Z)	770	61
49,169	91.6	286	63,956	11.4	86	3,918	37.2	299	38,149	8.0	147	547	(Z)	1,346	62
...	...	...	297,175	8.0	34	232	14.3	233	66,024	5.0	34	500	(Z)	380	63
3,572	77.2	298	15,133	18.7	104	1,151	25.0	398	8,591	11.8	125	908	0.1	496	64
3,572	78.0	298	5,948	17.5	133	1,056	26.8	402	5,290	10.6	149	408	0.1	637	65
...	...	...	9,185	19.6	85	95	14.5	358	3,301	14.4	87	500	0.2	380	66
303	41.3	271	21,322	12.2	80	2,198	61.4	262	11,566	10.6	115	121	(Z)	2,860	67
303	41.3	271	15,559	15.2	88	2,193	62.6	262	10,786	11.1	118	121	(Z)	2,860	68
...	...	...	5,763	8.0	57	5	6.2	400	780	6.5	74	...	...	...	69
485	[1]187.3	239	222,995	19.6	36	241	32.2	216	50,747	10.5	43	...	...	...	70
485	[1]221.5	239	27,670	18.7	74	240	40.8	217	3,745	3.4	253	...	...	...	71
...	...	...	195,325	19.7	30	1	0.6	(Z)	47,002	12.6	27	...	...	...	72
14,344	99.5	259	79,722	3.3	39	298	22.4	275	22,101	2.4	73	8	(Z)	1,000	73
14,344	99.8	259	7,020	4.3	77	220	29.8	336	8,294	7.9	125	8	(Z)	1,000	74
...	...	...	72,702	3.2	35	78	13.2	103	13,807	1.7	41	...	...	...	75
20,433	84.5	329	10,517	4.1	71	83	5.8	217	6,814	6.2	158	...	...	...	76
20,433	84.8	329	5,008	6.1	107	82	5.9	220	6,606	9.7	160	...	...	...	77
...	...	...	5,509	3.2	38	1	2.4	(Z)	208	0.5	106	...	...	...	78
10,032	[1]103.9	235	11,442	5.5	47	179	38.2	212	4,354	3.8	130	10	(Z)	200	79
10,032	[1]103.9	235	2,751	8.3	73	127	33.2	220	3,428	8.3	151	10	(Z)	200	80
...	...	...	8,691	5.0	39	52	59.8	192	926	1.3	52	...	...	...	81

Table 3.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF LIME, FOR IRRIGATED AND

[For data for 28 specified

	State and economic area	Fertilizer											
		All crops and all pasture fertilized			Hay and cropland pasture fertilized			Other pasture fertilized			All crops fertilized except hay		
		Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)
1	Nebraska, total	2,983,334	7.0	146	198,734	3.0	175	65,041	0.3	152	2,729,976	20.3	143
2	Irrigated farms	821,485	13.8	166	46,369	5.7	187	4,537	0.1	144	771,193	41.4	165
3	Non-irrigated farms.	2,161,849	5.9	139	152,365	2.7	172	60,504	0.3	153	1,958,783	16.9	135
4	Area 1	69,867	0.5	135	16,061	0.6	139	1,216	(Z)	71	52,737	7.5	135
5	Irrigated farms	23,723	1.8	164	4,076	2.7	156	740	0.1	32	18,893	24.7	170
6	Non-irrigated farms.	46,144	0.3	120	11,985	0.5	133	476	(Z)	130	33,844	5.4	115
7	Area 2	94,542	2.1	188	7,020	1.7	168	491	(Z)	163	86,944	6.1	190
8	Irrigated farms	83,110	6.1	199	5,620	3.8	177	451	0.1	169	76,960	23.6	201
9	Non-irrigated farms.	11,432	0.4	111	1,400	0.5	136	40	(Z)	100	9,984	0.9	108
10	Area 3a	321,636	5.5	154	17,300	1.8	166	1,342	(Z)	162	303,481	19.9	153
11	Irrigated farms	250,794	16.3	165	13,316	4.6	172	481	0.1	166	237,261	47.8	165
12	Non-irrigated farms.	70,842	1.7	114	3,984	0.6	148	861	(Z)	160	66,220	6.5	111
13	Area 3b	461,722	12.0	141	33,654	5.0	165	15,725	1.4	133	413,299	20.0	139
14	Irrigated farms	80,263	25.4	166	5,230	9.7	148	800	0.9	150	74,531	43.5	166
15	Non-irrigated farms.	381,459	10.8	135	28,424	4.6	168	14,925	1.5	132	338,768	17.8	133
16	Area 4	229,416	5.3	148	12,452	3.2	161	815	(Z)	201	216,875	11.9	147
17	Irrigated farms	146,480	16.1	165	8,657	8.7	179	435	0.1	166	137,613	35.1	164
18	Non-irrigated farms.	82,936	2.4	120	3,795	1.3	120	380	(Z)	242	79,262	5.5	118
19	Area 5	660,050	19.9	128	25,691	5.4	182	11,442	2.1	152	624,050	27.1	125
20	Irrigated farms	205,500	42.1	152	6,965	10.0	247	1,305	2.0	181	197,470	55.9	148
21	Non-irrigated farms.	454,550	16.0	117	18,726	4.6	158	10,137	2.1	148	426,580	21.9	114
22	Area 6	469,872	19.9	166	51,282	12.7	185	13,935	4.8	165	406,462	24.4	162
23	Irrigated farms	20,620	57.0	187	1,675	25.9	219	305	9.7	131	18,335	69.0	188
24	Non-irrigated farms.	449,252	19.4	165	49,607	12.5	184	13,630	4.7	166	388,127	23.7	161
25	Areas 7, A, and B	676,229	22.6	145	35,274	6.5	194	20,075	3.8	161	626,128	32.5	141
26	Irrigated farms	10,995	41.4	181	830	17.7	381	20	0.5	200	10,130	56.6	165
27	Non-irrigated farms.	665,234	22.4	145	34,444	6.4	189	20,055	3.8	161	615,998	32.3	140
28	Nevada, total	28,832	0.4	228	14,134	2.5	192	2,254	(Z)	186	12,444	30.5	276
29	Irrigated farms	28,832	0.4	228	14,134	2.6	192	2,254	(Z)	186	12,444	28.7	276
30	Non-irrigated farms.	...	...	...	...	...	...	...	...	...	...	...	...
31	Area 1	28,832	0.4	228	14,134	2.5	192	2,254	(Z)	186	12,444	30.5	276
32	Irrigated farms	28,832	0.4	228	14,134	2.6	192	2,254	(Z)	186	12,444	28.7	276
33	Non-irrigated farms.	...	...	...	...	...	...	...	...	...	...	...	...
34	New Mexico, total	234,876	0.6	246	86,330	12.8	206	1,477	(Z)	157	147,207	16.0	270
35	Irrigated farms	226,828	2.3	246	84,017	24.6	206	1,457	(Z)	156	141,497	28.7	271
36	Non-irrigated farms.	8,048	(Z)	236	2,313	0.7	197	20	(Z)	200	5,710	1.3	252
37	Area 1a	17,853	0.2	160	12,404	13.0	144	848	(Z)	153	4,621	9.9	202
38	Irrigated farms	17,533	0.5	159	12,149	17.0	143	848	(Z)	153	4,556	15.4	201
39	Non-irrigated farms.	320	(Z)	206	255	1.1	196	...	...	...	65	0.4	246
40	Area 1b	5,502	0.2	153	3,665	5.1	124	260	(Z)	100	1,578	5.2	228
41	Irrigated farms	5,282	0.7	156	3,445	7.1	128	260	(Z)	100	1,578	8.2	228
42	Non-irrigated farms.	220	(Z)	64	220	1.0	64	...	...	...	...	...	...
43	Area 2	22,773	0.1	195	10,553	3.2	187	187	(Z)	214	11,993	2.2	203
44	Irrigated farms	21,981	0.9	194	10,236	12.9	185	167	(Z)	216	11,538	6.7	202
45	Non-irrigated farms.	792	(Z)	245	317	0.1	271	20	(Z)	200	455	0.1	229
46	Area 3	188,748	1.2	263	59,708	32.6	227	182	(Z)	198	129,015	44.4	279
47	Irrigated farms	182,032	5.2	264	58,187	40.7	228	182	(Z)	198	123,825	45.4	280
48	Non-irrigated farms.	6,716	0.1	242	1,521	3.8	201	...	...	...	5,190	29.4	254
49	North Dakota, total	1,679,632	5.0	64	38,135	0.9	96	6,717	0.1	116	1,635,698	9.2	63
50	Irrigated farms	13,834	4.2	180	1,816	4.2	128	...	...	...	12,022	14.1	188
51	Non-irrigated farms.	1,665,798	5.0	63	36,319	0.9	95	6,717	0.1	116	1,623,676	9.2	62
52	Area 1	53,615	0.6	73	2,582	0.3	90	1,210	(Z)	50	49,823	1.7	73
53	Irrigated farms	6,992	3.4	171	1,201	5.4	102	...	...	...	5,789	12.3	186
54	Non-irrigated farms.	46,623	0.5	58	1,381	0.2	80	1,210	(Z)	50	44,034	1.5	58
55	Area 2a	37,666	1.1	50	790	0.2	137	...	...	...	36,876	1.9	48
56	Irrigated farms	3,045	5.7	147	325	5.2	215	...	...	...	2,726	17.2	139
57	Non-irrigated farms.	34,621	1.0	42	465	0.1	82	...	...	...	34,150	1.8	41
58	Area 2b	7,601	0.2	51	189	(Z)	42	...	...	...	7,412	0.5	51
59	Irrigated farms	...	...	...	...	...	...	...	...	...	...	...	...
60	Non-irrigated farms.	7,601	0.2	51	189	(Z)	42	...	...	...	7,412	0.5	51
61	Area 3a	431,043	6.8	43	4,690	0.5	70	1,180	0.1	105	425,415	9.9	43
62	Irrigated farms	547	1.0	208	...	...	...	...	...	...	547	7.1	208
63	Non-irrigated farms.	430,496	6.9	43	4,690	0.5	70	1,180	0.1	105	424,868	9.9	42
64	Area 3b	210,014	4.7	53	6,766	1.0	72	170	(Z)	82	203,623	7.2	52
65	Irrigated farms	40	0.5	100	...	...	...	...	...	...	40	0.8	100
66	Non-irrigated farms.	209,974	4.7	53	6,766	1.0	72	170	(Z)	82	203,583	7.2	52
67	Area 3c	91,926	4.1	71	7,566	1.7	95	1,220	0.3	136	83,045	5.7	68
68	Irrigated farms	430	8.1	167	...	...	...	...	...	...	430	10.1	167
69	Non-irrigated farms.	91,496	4.0	71	7,566	1.7	95	1,220	0.3	136	82,615	5.7	68
70	Area 4	847,767	27.1	77	15,552	4.4	115	2,937	1.9	142	829,504	31.7	76
71	Irrigated farms	2,780	67.2	237	290	47.0	138	...	...	...	2,490	73.3	249
72	Non-irrigated farms.	844,987	27.1	77	15,262	4.3	115	2,937	1.9	142	827,014	31.6	76

Z Less than 0.05. [1]Over 100 percent. See text.

NON-IRRIGATED FARMS, BY ECONOMIC AREAS, FOR 20 SPECIFIED STATES: CENSUS OF 1954—Continued

States, see Table 2]

Fertilizer—Continued											Lime			
Specified crops fertilized			Specified crops fertilized			Fruits, vegetables, and potatoes fertilized			Other crops fertilized except hay			Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)				
Corn			*Wheat*												
1,833,202	27.2	144	393,379	13.2	119	6,747	25.7	269	496,648	13.4	155	159,974	0.7	3,601	1
560,523	58.3	165	78,695	22.6	109	5,295	33.5	270	126,680	23.7	190	21,603	0.7	3,249	2
1,272,679	22.1	135	314,684	12.0	122	1,452	13.9	264	369,968	11.6	143	138,371	0.7	3,656	3
29,302	9.8	106	4,913	3.0	114	79	3.4	278	18,443	7.7	185	794	(Z)	2,217	4
10,037	34.0	115	553	4.3	152	62	7.0	258	8,241	24.8	237	258	0.1	2,915	5
19,265	7.1	101	4,360	2.9	109	17	1.2	353	10,202	4.9	144	536	(Z)	1,881	6
23,383	11.6	175	7,705	0.9	99	4,126	29.1	258	51,730	13.6	204	2	(Z)	1,000	7
20,971	30.8	181	2,236	2.7	112	4,126	34.6	258	49,627	30.3	207	...	...	...	8
2,412	1.8	122	5,469	0.7	93	...	...	...	2,103	1.0	128	2	(Z)	1,000	9
255,362	25.9	153	19,007	11.0	110	841	37.7	361	28,271	7.9	173	2,172	0.1	2,763	10
208,629	59.6	162	6,890	18.5	114	826	44.3	358	20,916	19.4	187	868	0.1	3,348	11
46,733	7.3	108	12,117	9.0	107	15	4.1	533	7,355	2.9	135	1,304	0.1	2,374	12
291,588	23.9	138	18,611	18.7	130	97	7.4	144	103,003	13.8	141	23,477	0.8	2,813	13
58,641	55.6	173	5,568	24.2	125	87	42.4	69	10,235	24.1	150	5,965	2.5	2,746	14
232,947	20.9	129	13,043	17.0	132	10	0.9	800	92,768	13.2	140	17,512	0.7	2,835	15
148,351	17.8	154	45,400	7.7	115	44	6.7	136	23,080	5.7	164	3,699	0.1	2,867	16
112,380	52.0	164	14,088	15.2	126	4	1.3	500	11,141	13.4	208	1,829	0.3	1,686	17
35,971	5.8	123	31,312	6.3	109	40	11.7	100	11,939	3.7	122	1,870	0.1	4,021	18
368,470	34.5	130	180,485	25.0	107	105	14.6	114	74,990	14.7	133	42,865	1.4	3,817	19
130,105	77.0	165	45,256	47.4	99	...	...	...	22,109	24.9	144	11,855	2.6	3,724	20
238,365	26.5	111	135,229	21.5	110	105	20.4	114	52,881	12.5	128	31,010	1.2	3,852	21
268,818	27.8	166	18,524	40.2	143	300	26.6	267	118,820	18.3	154	17,702	0.8	3,077	22
12,900	87.6	193	2,314	82.8	116	190	98.4	232	2,931	33.1	209	90	0.3	1,333	23
255,918	26.9	165	16,210	37.5	147	110	11.8	327	115,889	18.1	153	17,612	0.8	3,086	24
447,928	38.9	138	98,734	28.9	140	1,155	30.7	268	78,311	18.2	148	69,263	2.6	3,950	25
6,860	82.4	165	1,790	74.9	147	...	...	...	1,480	21.4	189	738	3.0	3,780	26
441,068	38.6	138	96,944	28.6	140	1,155	32.9	268	76,831	18.2	148	68,525	2.6	3,952	27
Sugar beets			*Wheat*												
...	...	...	3,417	32.4	190	2,126	75.6	487	6,901	25.2	252	17	(Z)	7,647	28
...	...	...	3,417	33.4	190	2,126	76.2	487	6,901	22.7	252	17	(Z)	7,647	29
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30
...	...	...	3,417	32.4	190	2,126	75.6	487	6,901	25.2	252	17	(Z)	7,647	31
...	...	...	3,417	33.4	190	2,126	76.2	487	6,901	22.7	252	17	(Z)	7,647	32
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	33
Corn			*Cotton*												
4,233	10.5	252	107,561	54.6	268	9,671	38.6	394	25,742	3.9	231	451	(Z)	2,200	34
4,233	15.8	252	102,996	54.0	268	9,651	40.1	393	24,617	9.8	232	450	(Z)	2,200	35
...	...	...	4,565	71.1	257	20	2.1	900	1,125	0.3	208	1	(Z)	2,000	36
1,350	9.7	154	...	...	...	2,056	25.7	253	1,215	4.9	168	130	0.1	308	37
1,350	12.8	154	...	...	...	2,056	26.0	253	1,150	10.4	163	130	0.1	308	38
...	...	...	...	...	...	...	...	...	65	0.5	246	...	...	...	39
445	7.8	189	...	...	...	427	11.1	351	706	3.4	178	...	...	...	40
445	9.1	189	...	...	...	427	11.6	351	706	6.7	176	...	...	...	41
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	42
633	5.4	272	2,038	10.2	234	292	10.6	397	9,030	1.7	184	...	...	...	43
633	17.6	272	1,688	10.3	246	277	11.9	354	8,940	6.0	183	...	...	...	44
...	...	...	350	9.8	171	15	3.5	1,200	90	(Z)	267	...	...	...	45
1,805	20.2	335	105,523	59.7	268	6,896	66.1	438	14,791	15.7	267	321	0.1	2,966	46
1,805	23.2	335	101,308	58.2	269	6,891	67.9	439	13,821	17.1	272	320	0.1	2,969	47
...	...	...	4,215	[1]148.8	264	5	1.8	(Z)	970	7.3	198	1	(Z)	2,000	48
Corn			*Wheat*												
129,853	10.6	78	766,799	10.1	54	58,093	60.5	182	680,953	7.8	61	140	(Z)	857	49
3,037	29.9	199	3,558	9.7	83	918	57.8	453	4,509	12.2	165	...	...	...	50
126,816	10.4	75	763,241	10.1	54	57,175	60.5	177	676,444	7.7	60	140	(Z)	857	51
8,869	2.4	104	33,163	2.1	55	476	20.5	134	7,315	0.8	81	5	(Z)	2,000	52
2,311	36.7	220	1,152	5.1	52	9	2.2	222	2,317	12.9	130	...	...	...	53
6,558	1.8	64	32,011	2.0	55	467	24.3	133	4,998	0.5	58	5	(Z)	2,000	54
853	2.2	73	30,229	2.9	41	1	0.1	(Z)	5,793	0.7	83	...	...	...	55
100	13.6	120	1,380	16.8	72	1	8.3	(Z)	1,245	18.0	215	...	...	...	56
753	2.0	66	28,849	2.8	40	...	...	...	4,548	0.5	47	...	...	...	57
2,539	1.7	50	3,232	0.5	50	...	...	...	1,641	0.2	54	...	...	...	58
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	59
2,539	1.7	50	3,232	0.5	50	...	...	...	1,641	0.2	54	...	...	...	60
7,861	7.7	63	247,215	12.0	42	1,212	28.8	160	169,127	8.0	41	135	(Z)	815	61
50	11.2	400	60	2.9	100	70	48.3	571	367	7.3	131	...	...	...	62
7,811	7.7	61	247,155	12.0	42	1,142	28.1	135	168,760	8.0	41	135	(Z)	815	63
21,095	10.7	64	95,772	9.2	49	1,326	57.1	161	85,430	5.4	51	...	...	...	64
40	2.5	100	...	...	...	...	...	...	...	...	...	...	...	...	65
21,055	10.8	64	95,772	9.2	49	1,326	57.1	161	85,430	5.4	51	...	...	...	66
36,970	16.5	81	13,723	4.5	63	813	[1]121.2	98	31,539	3.4	65	...	...	...	67
176	42.3	114	91	6.6	110	83	97.6	410	80	3.4	100	...	...	...	68
36,794	16.5	81	13,632	4.5	63	730	[1]124.6	63	31,459	3.4	65	...	...	...	69
51,666	35.9	81	343,465	38.7	64	54,265	64.0	184	380,108	25.3	71	...	...	...	70
360	[1]139.0	111	875	93.0	137	755	83.6	450	500	38.6	240	...	...	...	71
51,306	35.7	81	342,590	38.6	64	53,510	63.7	180	379,608	25.3	71	...	...	...	72

Table 3.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF LIME, FOR IRRIGATED AND

[For data for 28 specified

	State and economic area	Fertilizer											
		All crops and all pasture fertilized			Hay and cropland pasture fertilized			Other pasture fertilized			All crops fertilized except hay		
		Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)
1	Oklahoma, total	1,971,729	7.1	128	293,686	7.8	179	108,140	0.7	162	1,568,079	17.8	116
2	Irrigated farms	72,830	9.3	161	11,136	9.8	211	2,475	0.7	217	58,974	19.2	149
3	Non-irrigated farms	1,898,899	7.1	127	282,550	7.8	178	105,665	0.7	160	1,509,105	17.7	115
4	Area 1	61,356	0.8	92	7,064	2.3	140	830	(Z)	82	53,240	2.2	86
5	Irrigated farms	10,243	3.8	122	1,823	10.9	171	55	(Z)	73	8,365	11.3	111
6	Non-irrigated farms	51,113	0.7	86	5,241	1.8	129	775	(Z)	83	44,875	2.0	82
7	Area 2	570,888	13.6	79	38,030	8.3	119	2,514	0.2	135	528,479	23.8	76
8	Irrigated farms	8,915	14.9	122	1,155	14.8	211	90	0.3	44	7,635	34.2	110
9	Non-irrigated farms	561,973	13.6	78	36,875	8.2	117	2,424	0.2	139	520,844	23.7	75
10	Areas 3 and A	261,995	10.0	160	45,825	10.0	205	15,426	0.9	190	201,534	47.4	147
11	Irrigated farms	3,066	19.6	292	732	12.8	426	400	7.7	375	1,934	41.2	224
12	Non-irrigated farms	258,929	10.0	159	45,093	10.0	201	15,026	0.9	185	199,600	47.5	146
13	Area 4	296,546	6.0	106	22,459	4.2	134	3,918	0.2	155	269,283	11.5	103
14	Irrigated farms	31,987	10.4	121	2,972	6.8	167	1,000	1.1	90	27,815	15.7	118
15	Non-irrigated farms	264,559	5.7	104	19,487	4.0	128	2,918	0.1	177	241,468	11.1	101
16	Areas 5 and B	267,614	11.1	141	56,209	12.0	181	18,961	1.3	174	192,861	38.0	126
17	Irrigated farms	2,633	11.3	197	1,020	21.9	153	50	0.4	40	1,563	28.1	230
18	Non-irrigated farms	264,981	11.1	141	55,189	11.9	182	18,911	1.3	175	191,298	38.1	125
19	Area 6	90,708	7.5	174	24,926	7.0	194	17,999	2.6	129	47,770	29.8	180
20	Irrigated farms	1,205	17.4	246	70	3.0	286	...	...	...	1,135	[1]119.0	243
21	Non-irrigated farms	89,503	7.4	173	24,856	7.1	194	17,999	2.6	129	46,635	29.3	178
22	Area 7a	53,194	3.4	172	18,409	7.3	216	4,240	0.4	156	30,630	16.9	146
23	Irrigated farms	1,601	4.3	276	1,046	8.7	315	120	0.5	200	435	25.8	202
24	Non-irrigated farms	51,593	3.3	168	17,363	7.2	210	4,120	0.4	155	30,195	16.8	146
25	Area 7b	71,220	11.1	164	17,515	13.5	214	17,260	4.5	101	36,109	28.7	172
26	Irrigated farms	297	7.1	364	70	6.9	257	70	3.0	343	157	18.4	420
27	Non-irrigated farms	70,923	11.1	164	17,445	13.5	214	17,190	4.5	100	35,952	28.8	171
28	Area 8a	164,701	12.5	167	24,250	8.5	169	13,836	2.0	199	126,956	39.6	163
29	Irrigated farms	7,267	28.4	207	1,020	25.4	249	280	3.2	514	5,957	47.0	185
30	Non-irrigated farms	157,434	12.2	165	23,230	8.3	165	13,556	1.9	192	120,999	39.3	162
31	Area 8b	51,112	16.2	195	15,315	8.3	194	2,198	2.8	225	33,454	63.6	195
32	Irrigated farms	3,110	31.9	357	710	12.5	158	160	7.9	313	2,240	[1]110.8	423
33	Non-irrigated farms	48,002	15.7	185	14,605	8.2	196	2,038	2.7	218	31,214	61.7	179
34	Area 9	82,395	7.6	198	23,684	7.1	207	10,958	1.7	206	47,763	41.5	191
35	Irrigated farms	2,506	10.6	252	518	5.3	189	250	3.1	176	1,738	30.1	282
36	Non-irrigated farms	79,889	7.5	196	23,166	7.2	208	10,708	1.7	207	46,025	42.2	187
37	Oregon, total	1,313,313	8.9	226	218,588	12.1	207	51,249	0.5	209	1,041,787	46.1	231
38	Irrigated farms	642,715	6.6	294	149,797	13.7	220	34,578	0.4	219	457,580	49.3	324
39	Non-irrigated farms	670,598	13.5	161	68,791	9.6	178	16,671	0.6	186	584,207	43.8	158
40	Area 1a	22,726	7.1	296	14,319	9.1	276	4,532	3.0	239	3,860	29.9	439
41	Irrigated farms	9,882	12.7	327	5,976	17.4	315	2,138	6.1	275	1,758	21.5	432
42	Non-irrigated farms	12,844	5.3	272	8,343	6.7	248	2,394	2.1	207	2,102	44.7	445
43	Area 1b	60,275	11.3	241	32,575	20.1	199	8,266	2.5	204	19,570	52.2	324
44	Irrigated farms	50,528	18.9	250	28,088	30.8	204	6,236	4.2	227	16,215	57.4	337
45	Non-irrigated farms	9,747	3.7	195	4,487	6.3	168	2,030	1.1	134	3,355	36.4	262
46	Areas 2a and A	292,582	37.3	285	45,741	20.0	212	12,040	10.8	253	234,320	52.9	301
47	Irrigated farms	119,174	48.0	372	19,133	30.5	234	6,520	18.3	280	93,152	62.0	408
48	Non-irrigated farms	173,408	32.4	225	26,608	16.0	196	5,520	7.2	221	141,168	48.2	231
49	Area 2b	323,091	43.1	234	42,199	20.9	196	13,527	9.8	195	267,091	65.4	243
50	Irrigated farms	126,330	54.9	268	23,156	42.1	230	7,314	19.1	219	96,396	70.5	280
51	Non-irrigated farms	196,761	37.9	213	19,043	12.9	153	6,213	6.2	167	170,695	62.8	222
52	Area 3	327,283	9.6	81	17,469	10.2	155	2,857	0.1	172	306,434	36.1	77
53	Irrigated farms	82,959	5.9	123	12,161	14.5	180	2,657	0.2	176	67,718	33.9	111
54	Non-irrigated farms	244,324	12.2	67	5,308	6.1	98	200	(Z)	110	238,716	36.8	67
55	Area 4	287,356	3.2	313	66,285	7.5	213	10,027	0.1	173	210,512	41.2	352
56	Irrigated farms	253,842	3.4	333	61,283	8.0	217	9,713	0.2	173	182,341	44.9	382
57	Non-irrigated farms	33,514	2.4	157	5,002	4.2	156	314	(Z)	178	28,171	26.7	157
58	South Dakota, total	550,533	1.3	140	84,758	1.4	152	9,191	(Z)	146	459,192	3.7	137
59	Irrigated farms	17,958	1.0	217	3,426	2.8	158	50	(Z)	160	14,462	11.7	232
60	Non-irrigated farms	532,575	1.3	137	81,332	1.4	152	9,141	(Z)	146	444,730	3.6	134
61	Area 1	17,466	0.1	181	2,731	0.1	179	58	(Z)	103	14,693	0.9	181
62	Irrigated farms	11,611	0.7	221	2,193	2.0	181	40	(Z)	100	9,369	10.7	231
63	Non-irrigated farms	5,855	(Z)	102	538	(Z)	171	18	(Z)	111	5,324	0.3	94
64	Area 2a	14,749	0.3	76	385	(Z)	109	38	(Z)	105	14,281	0.7	75
65	Irrigated farms	...	...	...	...	...	...	...	...	...	...	...	...
66	Non-irrigated farms	14,749	0.3	76	385	(Z)	109	38	(Z)	105	14,281	0.7	75
67	Area 2b	53,213	1.3	112	5,683	0.8	135	820	0.1	127	46,813	2.0	109
68	Irrigated farms	767	2.1	156	183	3.2	131	10	0.1	400	583	2.9	158
69	Non-irrigated farms	52,446	1.3	111	5,500	0.7	135	810	0.1	123	46,230	2.0	108
70	Area 3a	20,125	0.7	87	1,830	0.3	95	75	(Z)	133	18,220	1.9	86
71	Irrigated farms	...	...	...	...	...	...	...	...	...	...	...	...
72	Non-irrigated farms	20,125	0.7	87	1,830	0.3	95	75	(Z)	133	18,220	1.9	86
73	Area 3b	78,700	2.5	132	9,532	1.8	143	1,655	0.2	149	67,813	3.6	130
74	Irrigated farms	200	2.7	200	...	...	...	...	...	...	200	4.3	200
75	Non-irrigated farms	78,500	2.5	132	9,532	1.8	143	1,655	0.2	149	67,613	3.6	130
76	Area 4a	110,136	3.9	135	28,091	5.2	160	1,415	0.3	165	81,259	4.6	125
77	Irrigated farms	1,625	33.6	158	100	6.3	200	...	...	...	1,535	75.3	154
78	Non-irrigated farms	108,511	3.8	135	27,991	5.2	160	1,415	0.3	165	79,724	4.5	124
79	Area 4b	256,144	10.3	155	36,506	9.8	152	5,130	1.6	145	216,113	11.9	155
80	Irrigated farms	3,755	58.8	245	950	[1]104.2	105	...	...	...	2,775	59.5	295
81	Non-irrigated farms	252,389	10.1	154	35,556	9.6	153	5,130	1.6	145	213,338	11.8	153

Z Less than 0.05. [1]Over 100 percent. See text.

NON-IRRIGATED FARMS, BY ECONOMIC AREAS, FOR 20 SPECIFIED STATES: CENSUS OF 1954—Continued

States, see Table 2]

Fertilizer—Continued											Lime			
Specified crops fertilized			Specified crops fertilized			Fruits, vegetables, and potatoes fertilized			Other crops fertilized except hay			Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)				
Corn			*Cotton*												
111,454	40.2	162	195,474	21.6	126	20,437	30.8	283	1,240,714	16.4	107	59,572	0.4	2,572	1
573	15.8	230	21,556	31.9	129	5,700	72.9	362	31,145	13.6	124	515	0.1	3,173	2
110,881	40.6	161	173,918	20.8	125	14,737	25.2	252	1,209,569	16.5	107	59,057	0.4	2,567	3
737	13.5	87	10,656	15.8	94	119	8.1	454	41,728	1.8	83	...	...	...	4
133	38.1	120	345	19.9	232	116	58.9	466	7,771	10.8	101	...	...	...	5
604	11.8	79	10,311	15.7	90	3	0.2	(Z)	33,957	1.5	79	...	...	...	6
6,438	51.2	109	9,590	26.0	151	1,202	26.6	146	511,249	23.6	73	12,054	0.4	2,854	7
10	3.1	200	360	58.7	139	490	63.6	127	6,775	32.8	107	110	0.3	3,727	8
6,428	52.5	109	9,230	25.5	152	712	19.0	160	504,474	23.5	73	11,944	0.4	2,846	9
23,623	45.2	152	7,135	86.5	152	1,215	18.3	339	169,561	47.3	144	15,198	1.4	2,890	10
...	...	...	946	[1]346.5	201	270	32.1	481	718	22.7	156	20	0.2	2,500	11
23,623	45.6	152	6,189	77.6	144	945	16.3	298	168,843	47.6	144	15,178	1.4	2,891	12
4,015	26.5	163	105,082	17.8	104	3,050	41.9	226	157,136	9.1	98	1,310	(Z)	1,525	13
...	...	...	17,704	28.9	109	340	40.1	471	9,771	8.6	124	25	(Z)	1,120	14
4,015	27.1	163	87,378	16.5	103	2,710	42.1	195	147,365	9.1	96	1,285	(Z)	1,533	15
10,736	28.1	165	8,942	29.2	154	686	8.8	359	172,497	40.0	121	6,151	0.5	2,313	16
40	5.2	400	15	4.3	267	275	61.0	465	1,233	30.9	172	10	0.1	2,000	17
10,696	28.6	164	8,927	29.5	154	411	5.6	287	171,264	40.1	121	6,141	0.5	2,314	18
13,513	51.3	175	6,015	30.0	157	1,127	16.9	234	27,115	25.3	184	3,553	0.6	3,001	19
100	67.6	240	40	48.8	250	710	[1]500.0	163	285	49.0	442	20	0.5	2,000	20
13,413	51.2	175	5,975	29.9	157	417	6.4	355	26,830	25.2	181	3,533	0.6	3,007	21
2,811	15.7	177	6,765	16.3	144	931	15.0	279	20,123	17.4	137	1,511	0.3	2,089	22
...	...	...	...	...	...	...	...	...	435	63.3	202	...	...	...	23
2,811	16.0	177	6,765	16.4	144	931	16.0	279	19,688	17.1	135	1,511	0.3	2,089	24
9,654	44.5	168	9,923	36.3	147	835	47.2	340	15,697	21.0	180	1,570	0.5	1,624	25
90	52.0	444	...	...	...	60	73.2	400	7	1.6	286	10	0.3	2,000	26
9,564	44.4	166	9,923	36.5	147	775	46.0	335	15,690	21.1	180	1,560	0.5	1,622	27
22,945	43.4	151	22,548	38.3	165	5,371	35.3	189	76,092	39.3	163	8,105	1.1	2,878	28
...	...	...	1,746	78.9	252	1,210	58.5	255	3,001	37.7	119	175	0.9	3,120	29
22,945	43.8	151	20,802	36.7	157	4,161	31.7	170	73,091	39.3	165	7,930	1.1	2,873	30
4,591	55.2	180	75	75.0	160	3,121	96.5	440	25,667	62.7	166	2,885	1.0	1,774	31
130	72.2	123	...	...	...	1,805	[1]226.8	496	305	29.2	118	...	...	...	32
4,461	54.8	182	75	75.0	160	1,316	54.0	362	25,362	63.5	167	2,885	1.1	1,774	33
12,391	47.4	197	8,743	42.2	185	2,780	49.8	363	23,849	38.1	168	7,235	1.3	1,912	34
70	38.5	257	400	89.7	200	424	35.0	439	844	21.4	244	145	0.7	3,586	35
12,321	47.4	197	8,343	41.2	184	2,356	53.9	349	23,005	39.3	165	7,090	1.3	1,878	36
Wheat			*Oats*												
364,346	42.5	97	98,742	40.9	210	151,530	63.6	512	427,169	46.1	249	24,000	0.4	2,900	37
105,883	49.3	136	45,419	57.9	291	116,836	95.9	558	189,442	36.9	292	9,970	0.4	2,891	38
258,463	40.3	81	53,323	32.7	141	34,694	29.8	360	237,727	57.7	215	14,030	0.5	2,907	39
20	5.4	100	565	10.5	244	1,397	71.2	440	1,878	36.2	492	1,952	1.0	4,588	40
...	...	...	115	23.5	104	920	[1]335.8	365	723	9.8	567	623	1.2	6,523	41
20	6.1	100	450	9.2	280	477	28.2	583	1,155	([1])	445	1,329	0.9	3,681	42
1,277	37.0	180	1,524	23.3	151	11,680	68.5	380	5,089	48.8	279	1,859	0.7	2,549	43
743	44.8	205	875	27.6	151	10,760	81.5	366	3,837	37.5	319	1,117	0.8	1,903	44
534	29.7	146	649	19.3	151	920	23.9	548	1,252	[1]642.1	155	742	0.7	3,520	45
34,351	51.2	152	38,190	44.5	151	63,582	75.4	547	98,197	47.7	246	8,767	1.2	3,108	46
11,275	88.0	157	11,187	74.4	156	39,879	[1]102.4	622	30,811	36.9	318	3,962	1.7	3,334	47
23,076	42.5	150	27,003	38.1	149	23,703	52.3	420	67,386	55.0	214	4,805	0.9	2,921	48
22,038	60.2	151	36,210	47.4	132	21,214	68.1	443	187,629	71.0	252	10,015	1.5	2,707	49
6,074	99.0	152	12,655	[1]132.8	135	17,504	[1]115.6	489	60,163	56.8	257	2,861	1.3	2,749	50
15,964	52.4	151	23,555	35.2	130	3,710	23.2	230	127,466	80.4	249	7,154	1.5	2,690	51
248,572	43.5	66	2,527	24.6	99	13,506	21.8	226	41,829	20.5	92	25	(Z)	960	52
46,921	54.1	75	1,349	41.7	98	7,677	56.8	282	11,771	12.3	146	25	(Z)	960	53
201,651	41.6	63	1,178	16.7	100	5,829	12.0	152	30,058	27.7	71	...	...	...	54
58,088	32.7	175	19,726	34.7	485	40,151	96.3	632	92,547	39.3	311	1,382	0.1	1,111	55
40,870	38.0	196	19,238	41.0	492	40,096	98.5	632	82,137	39.0	324	1,382	0.1	1,111	56
17,218	24.5	124	488	5.0	193	55	5.5	255	10,410	42.3	202	...	...	...	57
Corn			*Wheat*												
259,674	6.5	139	31,090	1.2	96	5,172	41.5	196	163,256	2.7	137	1,001	(Z)	1,267	58
4,413	14.5	253	576	1.9	118	1,343	59.7	191	8,130	13.5	235	20	(Z)	1,000	59
255,261	6.4	137	30,514	1.2	96	3,829	37.4	197	155,126	2.6	132	981	(Z)	1,272	60
2,285	0.7	173	3,744	0.4	87	98	10.3	265	8,566	1.5	224	9	(Z)	2,667	61
1,523	7.5	209	546	2.3	114	93	18.9	172	7,207	16.9	245	...	...	...	62
762	0.3	102	3,198	0.4	82	5	1.1	2,000	1,359	0.3	112	9	(Z)	2,667	63
5,919	1.3	76	4,507	0.6	72	...	...	...	3,855	0.5	77	62	(Z)	1,355	64
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	65
5,919	1.3	76	4,507	0.6	72	...	...	...	3,855	0.5	77	62	(Z)	1,355	66
22,725	4.3	108	8,813	1.3	86	766	18.7	272	14,509	1.2	115	205	(Z)	1,024	67
295	5.8	142	30	0.5	200	240	20.3	167	18	0.2	222	...	...	...	68
22,430	4.3	108	8,783	1.3	85	526	18.1	319	14,491	1.2	115	205	(Z)	1,024	69
8,700	2.1	81	3,484	2.7	82	1	0.4	(Z)	6,035	1.4	95	...	...	...	70
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	71
8,700	2.1	81	3,484	2.7	82	1	0.4	(Z)	6,035	1.4	95	...	...	...	72
35,263	3.8	140	3,475	6.3	106	559	57.7	197	28,516	3.1	119	315	(Z)	1,587	73
...	...	...	...	...	...	...	...	...	200	6.8	200	...	...	...	74
35,263	3.8	140	3,475	6.3	106	559	61.7	197	28,316	3.1	119	315	(Z)	1,587	75
46,218	9.7	116	5,672	5.0	119	3,074	71.2	186	26,295	2.2	133	150	(Z)	400	76
525	60.3	69	...	...	...	1,010	[1]278.2	198	...	...	...	...	...	...	77
45,693	9.6	117	5,672	5.0	119	2,064	52.2	180	26,295	2.2	133	150	(Z)	400	78
138,564	15.3	157	1,395	10.2	181	674	48.9	142	75,480	8.5	146	260	(Z)	1,500	79
2,070	[1]139.0	348	...	...	...	...	...	...	705	23.3	142	20	0.3	1,000	80
136,494	15.1	154	1,395	10.2	181	674	53.5	142	74,775	8.4	146	240	(Z)	1,542	81

Table 3.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF LIME, FOR IRRIGATED AND

[For data for 28 specified

	State and economic area	Fertilizer											
		All crops and all pasture fertilized			Hay and cropland pasture fertilized			Other pasture fertilized			All crops fertilized except hay		
		Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)
1	Texas, total	4,564,523	3.8	215	832,513	9.3	208	306,401	0.4	202	3,425,111	14.7	218
2	Irrigated farms	1,705,437	10.0	232	174,821	13.3	233	31,277	0.3	192	1,502,586	23.4	233
3	Non-irrigated farms.	2,859,086	2.8	205	657,692	8.7	202	275,124	0.4	203	1,922,525	11.3	206
4	Areas 1a and A	152,180	1.0	308	27,843	41.0	289	201	(Z)	149	124,312	71.8	312
5	Irrigated farms	150,321	6.1	309	27,698	45.5	289	201	(Z)	159	122,503	72.1	313
6	Non-irrigated farms.	1,859	(Z)	244	145	2.1	331	...	...	...	1,809	55.2	226
7	Area 1b	12,219	0.1	192	2,621	2.2	251	750	(Z)	27	8,848	10.1	188
8	Irrigated farms	8,633	0.6	199	2,270	7.3	240	750	0.1	27	5,613	21.1	206
9	Non-irrigated farms.	3,586	(Z)	175	351	0.4	325	...	...	...	3,235	5.3	158
10	Area 2	74,934	1.1	153	27,174	6.4	168	1,985	(Z)	139	45,781	9.7	144
11	Irrigated farms	12,058	2.3	198	5,039	18.5	228	167	(Z)	359	6,906	15.5	170
12	Non-irrigated farms.	62,876	1.0	144	22,135	5.6	154	1,818	(Z)	119	38,875	9.1	140
13	Area 3	90,682	1.2	276	21,373	10.4	191	2,618	(Z)	124	66,594	25.7	310
14	Irrigated farms	59,325	3.6	354	10,657	12.8	245	1,100	0.1	145	47,609	49.6	383
15	Non-irrigated farms.	31,357	0.5	130	10,716	8.7	136	1,518	(Z)	108	18,985	11.6	129
16	Area 4	307,244	2.3	164	11,601	3.0	212	1,162	(Z)	146	295,616	6.4	161
17	Irrigated farms	291,401	7.8	167	9,967	7.0	234	1,092	0.1	150	281,482	12.1	164
18	Non-irrigated farms.	15,843	0.2	97	1,634	0.7	73	70	(Z)	86	14,134	0.6	100
19	Area 5	111,441	1.1	277	18,134	11.3	378	767	(Z)	156	92,357	2.4	258
20	Irrigated farms	109,081	3.8	280	17,919	22.8	381	767	0.1	156	90,212	4.5	261
21	Non-irrigated farms.	2,360	(Z)	136	215	0.3	167	...	...	...	2,145	0.1	132
22	Area 6a	109,004	0.8	121	19,384	2.3	182	7,288	0.1	89	82,443	2.3	109
23	Irrigated farms	15,409	2.7	177	5,766	9.7	207	731	0.3	197	8,931	4.1	155
24	Non-irrigated farms.	93,595	0.7	112	13,618	1.8	171	6,557	0.1	77	73,512	2.1	104
25	Area 6b	33,727	1.0	151	13,718	9.2	133	1,319	(Z)	158	18,714	4.9	163
26	Irrigated farms	7,255	3.8	108	6,920	70.2	107	...	...	...	335	6.2	113
27	Non-irrigated farms.	26,472	0.8	163	6,798	4.9	160	1,319	0.1	158	18,379	4.9	164
28	Area 7a	242,244	7.3	139	58,079	13.2	143	7,491	0.3	108	177,057	38.3	139
29	Irrigated farms	14,220	18.4	140	5,449	63.4	132	175	0.3	114	8,401	51.4	150
30	Non-irrigated farms.	228,024	7.0	139	52,630	12.2	144	7,316	0.3	108	168,656	37.9	138
31	Areas 7b and B	89,622	5.7	169	33,115	11.9	172	7,036	0.8	160	49,486	11.3	169
32	Irrigated farms	3,933	18.9	281	1,121	22.6	300	100	1.1	600	2,722	42.3	260
33	Non-irrigated farms.	85,689	5.5	164	31,994	11.7	168	6,936	0.8	153	46,764	10.8	163
34	Area 7c	32,559	1.5	127	9,971	5.2	152	502	(Z)	135	22,110	5.4	116
35	Irrigated farms	3,093	6.2	169	1,147	25.5	232	75	0.2	133	1,871	24.8	133
36	Non-irrigated farms.	29,466	1.3	123	8,824	4.7	142	427	(Z)	136	20,239	5.1	114
37	Areas 8, C, D, and E	494,606	7.2	189	140,432	10.6	192	40,954	1.8	194	311,900	9.6	187
38	Irrigated farms	25,887	27.5	179	12,134	43.5	173	462	1.8	130	13,192	32.9	188
39	Non-irrigated farms.	468,719	7.0	189	128,298	9.9	194	40,492	1.8	194	298,708	9.3	187
40	Area 9	300,272	16.2	215	51,058	10.3	217	40,550	4.3	218	207,839	49.4	214
41	Irrigated farms	14,474	21.3	156	4,205	17.7	177	1,663	7.5	121	8,706	39.6	150
42	Non-irrigated farms.	285,798	16.0	218	46,853	9.9	221	38,887	4.3	223	199,133	49.9	217
43	Area 10	171,881	11.2	203	33,632	11.2	206	15,193	2.2	170	123,683	23.3	205
44	Irrigated farms	10,685	33.9	212	2,507	28.9	308	435	4.6	110	7,743	58.3	186
45	Non-irrigated farms.	161,196	10.7	202	31,125	10.7	197	14,758	2.1	172	115,940	22.4	206
46	Areas 11 and F	269,256	6.2	147	78,771	13.9	145	10,005	0.4	122	180,761	12.5	149
47	Irrigated farms	38,009	16.2	194	13,216	25.9	199	1,347	1.4	113	23,437	27.4	196
48	Non-irrigated farms.	231,247	5.6	139	65,555	12.7	135	8,658	0.4	123	157,324	11.5	142
49	Area 12	804,281	18.8	268	172,329	12.3	253	111,650	5.3	226	517,401	68.0	284
50	Irrigated farms	34,386	31.3	305	7,110	22.0	261	9,401	18.2	229	17,692	68.5	367
51	Non-irrigated farms.	769,895	18.5	267	165,219	12.1	252	102,249	5.0	225	499,709	68.0	282
52	Area 13	126,482	19.1	255	31,224	11.4	265	18,614	6.7	200	76,638	69.8	264
53	Irrigated farms	7,184	27.7	225	2,268	18.6	187	110	1.7	782	4,805	66.0	230
54	Non-irrigated farms.	119,298	18.8	257	28,956	11.0	271	18,504	6.8	196	71,833	70.1	267
55	Area 14, G, and H	870,129	15.7	219	61,943	5.2	230	36,739	1.2	216	772,635	62.9	218
56	Irrigated farms	637,706	31.2	219	20,282	3.5	223	11,144	1.4	180	608,138	94.0	219
57	Non-irrigated farms.	232,423	6.7	220	41,661	6.8	234	25,595	1.1	232	164,497	28.3	215
58	Area 15	271,760	21.9	265	20,111	21.0	155	1,577	0.5	334	250,936	30.6	272
59	Irrigated farms	262,377	33.8	266	19,146	30.9	154	1,557	1.9	334	242,288	38.2	274
60	Non-irrigated farms.	9,383	2.0	225	965	2.9	160	20	(Z)	300	8,648	4.7	225
61	Utah, total	166,549	1.6	257	55,095	6.7	217	7,400	0.1	178	104,433	15.4	283
62	Irrigated farms	161,501	1.9	262	54,675	7.1	217	7,350	0.1	179	99,860	19.4	292
63	Non-irrigated farms.	5,048	0.3	108	420	0.7	210	50	(Z)	80	4,573	2.8	99
64	Area 1	67,833	1.7	219	17,774	5.7	191	3,501	0.1	171	46,606	14.3	233
65	Irrigated farms	63,450	2.1	228	17,689	6.2	192	3,501	0.1	171	42,308	18.6	248
66	Non-irrigated farms.	4,383	0.5	90	85	0.3	141	...	...	...	4,298	4.4	89
67	Areas 2 and A	53,688	3.7	304	12,676	9.2	221	1,455	0.1	225	39,771	29.4	332
68	Irrigated farms	53,323	4.5	304	12,581	10.2	220	1,455	0.2	225	39,506	31.4	332
69	Non-irrigated farms.	365	0.1	285	95	0.7	358	...	...	...	265	2.8	264
70	Area 3	45,028	0.9	259	24,645	6.5	233	2,444	0.1	159	18,056	8.4	305
71	Irrigated farms	44,728	1.1	259	24,405	6.8	234	2,394	0.1	160	18,046	11.2	305
72	Non-irrigated farms.	300	(Z)	160	240	1.1	175	50	(Z)	80	10	(Z)	200

Z Less than 0.05. [1]Over 100 percent. See text.

NON-IRRIGATED FARMS, BY ECONOMIC AREAS, FOR 20 SPECIFIED STATES: CENSUS OF 1954—Continued

States, see Table 2]

Fertilizer—Continued											Lime			
Specified crops fertilized			Specified crops fertilized			Fruits, vegetables, and potatoes fertilized			Other crops fertilized except hay			Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)				
Corn			*Cotton*												
519,287	28.3	220	996,303	13.3	218	322,471	56.1	348	1,587,050	11.8	189	48,115	0.1	1,806	1
30,719	42.5	205	415,634	20.2	258	147,650	50.5	370	906,273	22.7	200	6,499	0.1	2,409	2
488,568	27.7	221	580,669	10.6	188	174,821	61.8	329	680,777	7.2	176	41,616	0.1	1,711	3
182	17.8	242	113,328	78.6	306	2,837	[1]144.7	361	7,965	30.7	360	580	0.1	3,931	4
182	18.2	242	111,614	78.0	307	2,837	[1]146.0	361	7,965	33.3	360	580	0.2	3,931	5
...	...	...	1,714	[1]143.8	237	...	...	...	...	...	...	...	...	...	6
197	18.2	457	1,563	5.8	274	1,837	35.9	204	5,251	9.6	147	125	(Z)	2,000	7
197	31.5	457	1,503	18.8	279	517	13.3	279	3,396	24.1	147	125	0.1	2,000	8
...	...	...	60	0.3	133	1,320	[1]107.8	174	1,855	4.6	148	...	...	...	9
2,735	10.6	138	4,570	3.7	151	1,871	18.8	241	36,605	11.6	139	255	(Z)	196	10
175	29.7	217	1,587	10.4	213	1,122	44.1	217	4,022	15.4	138	...	...	...	11
2,560	10.2	133	2,983	2.8	118	749	10.1	275	32,583	11.3	139	255	(Z)	196	12
2,359	16.0	130	15,653	21.2	247	37,483	74.6	397	11,099	9.2	146	...	...	...	13
1,762	47.6	138	10,419	40.0	318	31,336	79.8	447	4,092	15.1	165	...	...	...	14
597	5.4	104	5,234	10.9	107	6,147	55.8	143	7,007	7.5	134	...	...	...	15
5,421	43.9	161	44,995	9.8	213	8,206	95.1	415	236,994	5.7	142	220	(Z)	3,273	16
5,316	61.5	162	41,026	10.0	222	8,189	[1]101.0	415	226,951	11.9	145	150	(Z)	2,000	17
105	2.8	95	3,969	8.1	124	17	3.3	235	10,043	0.4	90	70	(Z)	6,000	18
432	4.5	153	73,226	4.2	266	2,017	56.2	507	16,682	0.8	197	50	(Z)	2,000	19
407	7.5	152	71,121	7.6	270	2,017	69.4	507	16,667	1.6	198	50	(Z)	2,000	20
25	0.6	160	2,105	0.3	133	...	...	...	15	(Z)	133	...	...	...	21
313	3.7	89	42,869	2.9	104	1,366	20.9	227	37,895	1.8	111	...	...	...	22
85	12.5	188	4,554	5.0	161	571	42.1	249	3,721	3.0	132	...	...	...	23
228	2.9	53	38,315	2.7	97	795	15.3	211	34,174	1.7	109	...	...	...	24
252	5.0	151	1,920	3.4	161	405	12.5	207	16,137	5.1	163	700	0.1	2,143	25
...	...	...	10	0.8	200	10	35.7	2,000	315	7.6	51	700	4.0	2,143	26
252	5.0	151	1,910	3.5	161	395	12.3	162	15,822	5.1	165	...	...	...	27
6,160	25.5	148	13,544	28.2	142	7,997	34.3	235	149,356	40.8	131	620	0.1	1,226	28
330	[1]107.1	133	580	36.7	152	1,060	86.2	177	6,431	48.7	145	120	0.4	2,083	29
5,830	24.5	149	12,964	27.9	141	6,937	31.4	243	142,925	40.5	131	500	(Z)	1,020	30
3,142	8.2	178	2,497	3.0	209	2,295	45.1	267	41,552	13.3	158	554	0.1	1,704	31
110	23.5	400	55	18.7	1,091	570	53.5	330	1,987	43.2	209	19	0.1	1,789	32
3,032	8.0	170	2,442	2.9	189	1,725	42.9	246	39,565	12.9	155	535	0.1	1,701	33
1,625	3.4	164	1,935	3.6	124	30	0.6	267	18,520	6.2	110	190	(Z)	684	34
245	47.3	424	285	33.6	70	15	1.0	267	1,326	28.7	90	...	...	...	35
1,380	2.9	117	1,650	3.1	133	15	0.5	267	17,194	5.8	111	190	(Z)	684	36
48,606	7.7	182	125,104	8.4	159	11,889	37.8	390	126,301	11.4	195	6,100	0.1	1,210	37
2,150	35.6	148	3,864	39.4	117	638	30.0	530	6,540	29.5	211	225	0.3	2,000	38
46,456	7.5	184	121,240	8.2	160	11,251	38.3	382	119,761	11.0	194	5,875	0.1	1,180	39
77,210	56.1	212	75,271	44.3	191	16,511	68.7	358	38,847	43.5	194	4,937	0.4	1,176	40
565	24.5	191	6,804	49.0	138	10	1.6	200	1,327	25.6	196	40	0.1	4,000	41
76,645	56.7	212	68,467	43.9	196	16,501	70.5	358	37,520	44.6	194	4,897	0.5	1,153	42
38,970	18.7	176	29,665	19.7	227	14,004	67.9	212	41,044	27.2	210	395	(Z)	937	43
630	72.6	152	198	26.6	162	50	8.5	640	6,865	61.9	192	35	0.1	2,000	44
38,340	18.5	177	29,467	19.6	227	13,954	69.6	210	34,179	24.5	214	360	(Z)	833	45
47,871	27.4	132	25,533	6.9	150	35,019	61.3	178	72,338	8.5	144	121	(Z)	959	46
4,093	63.0	174	6,587	36.1	140	5,518	41.1	307	7,239	15.3	174	6	(Z)	1,000	47
43,778	26.1	128	18,946	5.4	153	29,501	67.4	154	65,099	8.1	140	115	(Z)	957	48
185,733	75.3	266	174,410	67.6	229	78,094	95.1	441	79,164	45.5	283	21,095	0.7	2,008	49
4,028	100.0	277	5,405	86.5	245	4,507	[1]137.0	540	3,747	30.6	434	2,071	2.4	2,936	50
181,705	74.8	266	169,005	67.1	229	73,587	93.3	435	75,417	46.6	276	19,024	0.7	1,907	51
31,856	71.3	264	27,685	76.3	238	3,730	88.7	421	13,367	54.3	267	4,904	1.0	2,174	52
163	[1]145.5	245	241	45.1	199	191	50.1	482	4,210	67.3	219	20	0.1	500	53
31,693	71.1	264	27,444	76.7	239	3,539	92.5	418	9,157	49.9	289	4,884	1.0	2,181	54
60,367	32.6	213	69,947	25.4	183	9,956	49.3	339	632,365	84.7	220	6,219	0.2	1,892	55
4,590	48.8	225	6,446	37.8	153	2,198	49.5	406	594,904	96.6	219	1,408	0.1	1,901	56
55,777	31.7	212	63,501	24.5	187	7,758	49.2	321	37,461	28.7	242	4,811	0.3	1,889	57
5,856	24.5	228	152,588	33.8	239	86,924	40.8	333	5,568	4.2	318	1,050	0.1	1,610	58
5,691	27.1	231	143,335	41.3	245	86,294	42.4	333	4,568	7.3	297	950	0.1	1,568	59
165	5.7	121	9,253	8.8	134	630	6.8	378	1,000	1.5	414	100	(Z)	2,000	60
Sugar beets			*Wheat*												
28,548	89.6	369	25,311	7.4	156	19,187	43.6	370	31,387	12.2	252	385	(Z)	1,049	61
28,398	89.0	369	21,236	10.3	171	19,102	44.1	370	31,124	13.3	252	385	(Z)	1,049	62
150	([1])	333	4,075	3.0	78	85	12.9	376	263	1.1	198	...	...	...	63
14,139	79.3	345	15,348	8.4	120	4,383	39.0	333	12,736	11.1	206	160	(Z)	1,588	64
14,079	79.3	345	11,403	11.4	135	4,333	39.0	332	12,493	12.8	207	160	(Z)	1,588	65
60	83.3	333	3,945	4.8	77	50	36.8	400	243	1.5	173	...	...	...	66
12,331	[1]103.6	376	8,045	16.7	211	10,284	41.7	345	9,111	18.0	360	145	(Z)	759	67
12,241	[1]102.0	376	7,915	20.8	213	10,259	42.3	344	9,091	17.7	359	145	(Z)	759	68
90	([1])	333	130	1.3	123	25	6.1	400	20	([1])	500	...	...	...	69
2,078	97.0	490	1,918	1.7	208	4,520	55.9	463	9,540	10.3	210	80	(Z)	500	70
2,078	97.0	490	1,918	2.9	208	4,510	56.5	463	9,540	11.4	210	80	(Z)	500	71
...	...	...	...	...	...	10	9.2	200	...	...	...	...	...	...	72

Table 3.–USE OF FERTILIZER FOR SPECIFIED CROPS AND USE OF LIME, FOR IRRIGATED AND

[For data for 28 specified

	State and economic area	Fertilizer											
		All crops and all pasture fertilized			Hay and cropland pasture fertilized			Other pasture fertilized			All crops fertilized except hay		
		Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)
1	Washington, total	1,781,388	16.7	175	192,079	13.2	224	24,894	0.4	214	1,563,336	44.5	169
2	Irrigated farms	572,378	15.7	291	95,684	21.4	231	15,612	0.6	197	459,679	59.4	308
3	Non-irrigated farms.	1,209,010	17.2	121	96,395	9.6	217	9,282	0.3	243	1,103,657	40.3	111
4	Area 1	13,422	8.8	240	9,215	8.4	234	1,825	4.8	184	2,382	46.1	306
5	Irrigated farms	7,170	17.2	208	5,415	22.9	215	1,040	8.8	163	705	11.1	224
6	Non-irrigated farms.	6,252	5.6	276	3,800	4.4	261	785	3.0	211	1,677	(1)	340
7	Area 2	100,207	29.0	364	51,662	20.9	274	895	3.1	371	47,550	68.9	462
8	Irrigated farms	23,487	67.2	428	13,252	59.6	269	150	7.6	267	10,090	93.8	640
9	Non-irrigated farms.	76,720	24.7	344	38,410	17.1	276	745	2.8	392	37,460	64.3	414
10	Areas 3, A, and B	25,508	16.4	635	12,320	11.6	254	2,055	6.4	236	11,228	64.2	1,120
11	Irrigated farms	8,515	42.8	768	4,300	43.8	227	580	22.6	434	3,625	48.4	1,465
12	Non-irrigated farms.	16,993	12.5	568	8,020	8.3	269	1,475	5.0	159	7,603	76.0	956
13	Areas 4 and C	44,086	13.5	256	20,402	10.7	197	4,775	6.2	308	18,919	32.8	306
14	Irrigated farms	16,120	30.6	265	8,159	32.9	226	1,485	14.3	302	6,486	36.9	305
15	Non-irrigated farms.	27,966	10.2	251	12,243	7.3	178	3,290	4.9	311	12,433	31.0	306
16	Area 5a	46,421	3.7	343	6,446	6.7	223	1,558	0.1	273	38,579	50.2	364
17	Irrigated farms	43,060	8.0	355	5,511	11.3	218	958	0.2	205	36,748	74.9	378
18	Non-irrigated farms.	3,361	0.5	183	935	2.0	255	600	0.1	383	1,831	6.6	81
19	Area 5b	30,189	10.5	156	7,234	5.5	160	410	0.4	132	22,414	37.0	155
20	Irrigated farms	11,956	16.1	162	2,854	10.0	141	350	1.3	137	8,752	47.5	169
21	Non-irrigated farms.	18,233	8.5	152	4,380	4.2	173	60	0.1	100	13,662	32.4	146
22	Area 6	259,965	11.7	290	48,005	18.0	222	7,163	0.5	151	204,400	44.0	312
23	Irrigated farms	192,848	14.7	353	35,683	18.0	248	6,461	0.8	151	149,663	57.3	389
24	Non-irrigated farms.	67,117	7.3	110	12,322	18.0	147	702	0.1	148	54,737	26.9	100
25	Area 7a	467,661	14.2	132	9,620	9.9	253	2,532	0.1	226	455,311	32.5	129
26	Irrigated farms	118,774	12.7	336	7,628	18.6	267	2,352	0.3	233	108,713	52.6	344
27	Non-irrigated farms.	348,887	14.8	63	1,992	3.6	200	180	(Z)	133	346,598	29.0	62
28	Areas 7b and D	793,929	30.2	110	27,175	13.2	140	3,681	0.3	158	762,553	56.2	109
29	Irrigated farms	150,448	23.5	127	12,882	25.5	159	2,236	0.6	181	134,897	68.8	123
30	Non-irrigated farms.	643,481	32.3	106	14,293	9.2	123	1,445	0.2	122	627,656	54.1	106
31	Wyoming, total	121,397	0.4	194	44,848	3.2	169	2,271	(Z)	211	74,324	12.1	209
32	Irrigated farms	119,082	0.7	194	43,862	4.2	169	2,271	(Z)	211	72,994	22.0	209
33	Non-irrigated farms.	2,315	(Z)	178	986	0.3	193	...	...	...	1,330	0.5	167
34	Area 1	6,079	0.1	215	4,193	0.7	209	110	(Z)	145	1,776	3.9	234
35	Irrigated farms	5,949	0.1	215	4,073	0.8	210	110	(Z)	145	1,766	4.2	231
36	Non-irrigated farms.	130	(Z)	246	120	0.3	200	...	...	...	10	0.2	800
37	Area 2a	79,059	1.2	191	31,194	9.0	159	1,751	(Z)	228	46,151	24.6	211
38	Irrigated farms	78,812	1.9	191	31,107	9.5	158	1,751	(Z)	228	45,991	25.8	212
39	Non-irrigated farms.	247	(Z)	202	87	0.4	437	...	...	...	160	1.8	75
40	Area 2b	36,259	0.2	197	9,461	2.1	184	410	(Z)	156	26,397	6.9	202
41	Irrigated farms	34,321	0.7	199	8,682	4.9	186	410	(Z)	156	25,237	22.6	204
42	Non-irrigated farms.	1,938	(Z)	170	779	0.3	164	...	...	...	1,160	0.4	174

Z Less than 0.05. [1]Over 100 percent. See text.

NON-IRRIGATED FARMS, BY ECONOMIC AREAS, FOR 20 SPECIFIED STATES: CENSUS OF 1954—Continued

States, see Table 2]

Fertilizer—Continued											Lime			
Specified crops fertilized			Specified crops fertilized			Fruits, vegetables, and potatoes fertilized			Other crops fertilized except hay			Acres limed	Percent of total cropland plus improved pasture	Quantity used per acre (pounds)	
Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)	Acres	Percent of total acres	Quantity used per acre (pounds)				
Wheat			*Oats*												
962,952	44.4	92	57,177	31.8	157	199,786	80.4	424	343,421	37.7	237	25,541	0.3	2,381	1
144,780	63.6	115	18,232	53.3	179	159,004	85.7	404	137,663	42.2	413	5,676	0.3	2,092	2
818,172	42.1	87	38,945	26.7	147	40,782	64.6	503	205,758	35.2	119	19,865	0.3	2,464	3
...	...	...	392	10.7	173	1,742	92.1	321	248	(1)	411	840	0.6	1,440	4
...	...	...	67	9.9	119	580	[1]219.7	214	58	1.1	414	290	0.8	897	5
...	...	...	325	10.9	185	1,162	71.4	375	190	(1)	411	550	0.6	1,727	6
2,050	55.5	275	7,995	30.4	237	33,055	[1]112.7	525	4,450	45.8	477	16,653	5.0	2,822	7
425	[1]244.3	301	960	58.9	221	8,265	[1]242.0	716	440	7.9	382	3,228	9.1	2,494	8
1,625	46.2	268	7,035	28.6	239	24,790	95.7	462	4,010	96.3	488	13,425	4.5	2,901	9
...	...	...	215	12.9	353	9,335	84.4	1,096	1,678	35.6	1,257	2,595	1.8	2,274	10
...	...	...	10	37.0	200	3,030	61.3	1,319	585	23.2	2,181	895	4.5	1,911	11
...	...	...	205	12.5	361	6,305	[1]103.0	989	1,093	50.0	763	1,700	1.4	2,465	12
1,893	28.4	143	9,076	28.6	164	4,985	62.9	534	2,965	26.3	459	4,452	1.6	1,311	13
1,206	[1]299.3	138	2,255	[1]114.8	140	2,440	[1]153.2	483	585	4.3	533	345	0.7	2,899	14
687	11.0	151	6,821	22.9	172	2,545	40.2	584	2,380	(1)	440	4,107	1.7	1,178	15
3,138	10.0	71	129	3.5	481	34,863	97.1	388	449	7.8	281	830	0.3	843	16
1,412	19.4	64	89	12.0	652	34,798	98.3	388	449	7.9	281	830	0.6	843	17
1,726	7.1	76	40	1.4	100	65	12.9	215	...	...	...	...	...	...	18
9,137	36.0	137	9,927	48.3	176	81	13.5	296	3,269	23.2	143	1	(Z)	2,000	19
2,332	54.8	117	5,120	99.5	202	80	30.1	300	1,220	14.0	125	...	...	...	20
6,805	32.2	143	4,807	31.2	149	1	0.3	(Z)	2,049	38.4	153	1	(Z)	2,000	21
48,873	23.6	115	5,438	30.6	164	70,184	71.1	366	79,905	56.7	392	65	(Z)	2,000	22
12,202	29.9	157	4,769	30.8	179	69,184	71.6	365	63,508	58.7	473	65	(Z)	2,000	23
36,671	22.1	101	669	29.4	60	1,000	49.0	458	16,397	50.2	76	...	...	...	24
347,485	33.2	71	5,893	18.3	101	16,047	96.1	619	85,886	27.9	271	...	...	...	25
45,093	47.3	153	1,398	34.4	213	15,740	95.4	626	46,482	51.3	434	...	...	...	26
302,392	31.8	59	4,495	16.0	66	307	[1]152.0	228	39,404	18.2	80	...	...	...	27
550,376	64.8	101	18,112	42.5	119	29,494	63.4	163	164,571	39.4	124	105	(Z)	343	28
82,110	[1]103.7	88	3,564	80.1	135	24,887	94.1	179	24,336	28.3	187	23	(Z)	1,043	29
468,266	60.8	103	14,548	38.1	115	4,607	23.0	76	140,235	42.3	113	82	(Z)	146	30
Sugar beets			*Wheat*												
34,076	92.4	260	3,681	1.5	177	3,287	47.9	260	33,280	10.0	154	955	(Z)	1,321	31
34,076	92.4	260	3,431	6.8	182	3,287	52.3	260	32,200	13.5	153	935	0.1	1,337	32
...	...	...	250	0.1	104	...	...	...	1,080	1.1	181	20	(Z)	600	33
...	...	...	395	3.4	147	375	[1]120.6	117	1,006	3.0	312	...	...	...	34
...	...	...	395	4.3	147	375	[1]126.3	117	996	3.1	307	...	...	...	35
...	...	...	...	...	...	...	...	...	10	0.6	800	...	...	...	36
18,303	86.7	286	2,872	14.2	189	1,854	50.3	318	23,122	16.2	146	635	0.1	1,024	37
18,303	86.7	286	2,712	19.3	195	1,854	50.7	318	23,122	16.6	146	635	0.1	1,024	38
...	...	...	160	2.6	75	...	...	...	...	...	...	...	...	...	39
15,773	99.9	231	414	0.2	126	1,058	37.0	210	9,152	5.8	156	320	(Z)	1,912	40
15,773	99.9	231	324	1.2	117	1,058	45.4	210	8,082	12.1	153	300	0.1	2,000	41
...	...	...	90	0.1	156	...	...	...	1,070	1.2	176	20	(Z)	600	42

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime						
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
United States, total	4,783,021	2,916,406	25.6	100.0	100.0	100.0	309	1,079,265,372	8.79	2.85	520,445	2.2	100.0	100.0	100.0	3,290	69,477,336	6.62
Commercial farms	3,327,617	2,294,961	26.0	78.7	94.0	94.6	307	1,024,105,436	8.81	2.87	450,850	2.2	86.6	94.2	93.1	3,328	65,021,932	6.65
Class I	134,003	96,078	30.3	3.3	20.8	17.8	361	253,328,417	11.60	3.21	24,538	2.2	4.7	13.7	14.9	3,021	10,615,240	6.80
Class II	448,945	326,108	26.5	11.2	22.1	24.8	276	250,912,988	8.25	2.99	96,808	2.4	18.6	28.1	26.2	3,529	19,124,948	6.94
Class III	706,929	488,587	23.5	16.8	19.7	22.3	273	213,197,369	7.80	2.86	128,738	2.2	24.7	25.8	24.4	3,478	17,193,656	6.71
Class IV	811,965	554,153	24.0	19.0	16.3	16.0	315	164,412,698	8.37	2.65	106,068	2.0	20.4	15.7	15.6	3,315	10,542,820	6.45
Class V	763,348	527,738	27.3	18.1	11.0	10.1	336	105,284,697	8.50	2.53	68,914	2.1	13.2	8.4	9.1	3,042	5,778,637	6.06
Class VI	462,427	302,297	26.4	10.4	4.0	3.7	334	36,969,267	8.05	2.41	25,784	1.8	5.0	2.5	3.0	2,824	1,766,631	5.67
Other farms	1,455,404	621,445	20.7	21.3	6.0	5.4	346	55,159,936	8.36	2.42	69,595	2.3	13.4	5.8	6.9	2,768	4,455,404	6.15
Alabama, total	176,949	144,296	57.8	100.0	100.0	100.0	403	40,319,911	8.43	2.09	6,793	2.8	100.0	100.0	100.0	1,775	1,163,425	5.08
Commercial farms	95,107	89,346	62.1	61.9	87.0	85.8	409	35,036,378	8.55	2.09	5,209	3.0	76.7	87.0	85.4	1,807	1,001,520	5.12
Class I	1,017	862	48.6	0.6	8.4	6.6	516	3,053,896	9.73	1.89	245	5.0	3.6	16.5	14.1	2,065	165,952	5.12
Class II	3,301	2,976	57.0	2.1	11.9	10.5	459	4,625,306	9.25	2.02	633	4.2	9.3	18.0	16.1	1,978	203,674	5.51
Class III	6,132	5,691	60.5	3.9	12.6	12.1	420	5,059,379	8.73	2.08	1,037	4.5	15.3	17.4	18.7	1,647	221,162	5.15
Class IV	17,126	16,216	68.0	11.2	20.2	20.4	399	8,247,456	8.47	2.12	1,353	2.8	19.9	16.5	17.3	1,692	198,241	5.02
Class V	32,335	30,695	67.2	21.3	21.9	23.0	383	9,093,396	8.25	2.15	1,440	2.1	21.2	15.3	15.3	1,769	170,662	4.86
Class VI	35,196	32,906	60.0	22.8	11.9	13.2	363	4,956,945	7.85	2.16	501	0.8	7.4	3.4	3.8	1,584	41,829	4.80
Other farms	81,842	54,950	40.8	38.1	13.0	14.2	367	5,283,533	7.76	2.11	1,584	2.0	23.3	13.0	14.6	1,587	161,905	4.85
Area 1	21,655	17,982	60.9	100.0	100.0	100.0	365	5,006,670	7.16	1.96	1,040	2.9	100.0	100.0	100.0	2,309	154,471	4.62
Commercial farms	13,866	13,284	64.5	73.9	92.2	91.8	367	4,618,765	7.20	1.96	920	3.2	88.5	96.2	94.3	2,356	146,531	4.64
Class I	126	125	65.8	0.7	10.4	9.1	422	522,247	8.25	1.96	52	6.2	5.0	21.8	17.9	2,813	26,593	4.45
Class II	421	413	64.8	2.3	12.4	11.9	382	631,401	7.59	1.99	119	4.2	11.4	19.3	16.2	2,754	29,479	5.45
Class III	1,090	1,026	59.5	5.7	15.0	14.4	380	750,599	7.43	1.96	194	3.4	18.7	16.1	17.4	2,141	26,362	4.53
Class IV	3,037	2,944	67.6	16.4	21.6	22.6	349	1,111,749	7.03	2.01	222	2.3	21.3	15.5	15.8	2,265	23,917	4.51
Class V	5,394	5,239	67.1	29.1	23.7	24.3	356	1,159,594	6.83	1.92	237	2.9	22.8	18.7	22.0	1,964	29,395	4.00
Class VI	3,798	3,537	58.7	19.7	9.0	9.5	347	443,175	6.68	1.92	96	1.5	9.2	4.8	5.1	2,197	10,785	6.34
Other farms	7,789	4,698	37.4	26.1	7.8	8.2	348	387,905	6.73	1.93	120	1.2	11.5	3.8	5.7	1,534	7,940	4.20
Area 2	25,019	21,207	72.8	100.0	100.0	100.0	446	6,453,128	10.41	2.33	690	1.9	100.0	100.0	100.0	1,995	73,813	4.62
Commercial farms	16,703	15,880	76.8	74.9	89.2	89.2	447	5,781,491	10.46	2.34	550	2.0	79.7	88.5	90.4	1,954	66,113	4.58
Class I	149	118	76.8	0.6	1.8	1.6	482	97,824	9.67	2.01	11	15.0	1.6	11.9	12.4	1,921	7,212	3.65
Class II	578	481	70.9	2.3	5.7	5.1	491	363,138	11.40	2.32	25	2.4	3.6	7.5	6.6	2,245	4,856	4.57
Class III	716	660	76.8	3.1	8.1	8.0	455	498,137	10.06	2.21	46	4.2	6.7	18.5	17.1	2,153	13,049	4.77
Class IV	3,483	3,321	76.6	15.7	26.6	26.6	446	1,757,222	10.65	2.39	195	2.0	28.3	26.4	27.6	1,908	20,990	4.76
Class V	6,936	6,665	79.4	31.4	32.9	33.4	440	2,169,462	10.48	2.38	208	1.3	30.1	19.0	21.2	1,789	16,271	4.80
Class VI	4,841	4,635	73.9	21.9	14.1	14.4	438	895,708	10.05	2.29	65	0.7	9.4	5.2	5.5	1,909	3,735	4.27
Other farms	8,316	5,327	50.7	25.1	10.8	10.8	445	671,637	10.02	2.25	140	1.2	20.3	11.5	9.6	2,377	7,700	5.00
Area 3 and A	19,560	14,245	50.5	100.0	100.0	100.0	402	3,096,079	8.59	2.14	850	3.8	100.0	100.0	100.0	1,761	123,851	4.56
Commercial farms	7,240	6,536	57.6	45.9	78.8	75.4	420	2,450,514	9.02	2.15	461	4.0	54.2	72.0	69.5	1,824	83,231	4.40
Class I	129	91	60.5	0.6	6.9	4.8	577	174,193	10.08	1.75	24	11.1	2.8	10.3	11.6	1,562	10,667	3.38
Class II	275	224	51.7	1.6	8.2	7.8	424	243,215	8.66	2.04	73	7.5	8.6	17.0	15.1	1,986	20,917	5.11
Class III	589	501	58.2	3.5	11.1	11.2	400	348,617	8.65	2.16	83	5.8	9.8	14.9	14.7	1,791	16,578	4.15
Class IV	1,674	1,544	64.1	10.8	22.7	21.6	422	723,556	9.29	2.20	96	2.7	11.3	13.2	12.0	1,944	17,007	5.22
Class V	2,405	2,232	60.1	15.7	20.5	20.0	413	672,533	9.35	2.27	160	3.5	18.8	15.3	15.3	1,756	16,712	4.01
Class VI	2,168	1,944	46.3	13.6	9.3	10.1	372	288,400	7.94	2.13	25	0.3	2.9	1.3	0.8	2,667	1,350	6.00
Other farms	12,320	7,709	36.7	54.1	21.2	24.6	347	645,565	7.29	2.10	389	3.4	45.8	28.0	30.5	1,616	40,620	4.90
Areas 4 and B	15,260	11,837	42.3	100.0	100.0	100.0	389	2,341,129	8.41	2.16	713	3.3	100.0	100.0	100.0	1,784	135,668	6.26
Commercial farms	6,170	5,780	48.1	48.8	75.2	74.2	394	1,773,715	8.59	2.18	443	3.8	62.1	74.0	76.0	1,738	99,806	6.06
Class I	56	41	37.2	0.3	4.1	2.9	553	82,612	10.33	1.87	13	4.9	1.8	5.6	4.9	2,051	7,275	6.92
Class II	243	229	43.3	1.9	10.4	8.9	452	251,473	10.14	2.24	62	6.2	8.7	17.8	16.2	1,954	26,959	7.66
Class III	285	251	43.1	2.1	8.4	7.6	430	199,726	9.46	2.20	53	6.1	7.4	9.6	13.8	1,242	15,238	5.09
Class IV	597	555	52.9	4.7	12.1	11.6	404	271,898	8.41	2.08	88	8.4	12.3	20.5	23.8	1,538	25,976	5.04
Class V	1,974	1,830	49.3	15.5	21.6	22.8	369	516,328	8.14	2.20	143	1.9	20.1	13.8	11.2	2,193	15,912	6.55
Class VI	3,015	2,874	50.9	24.3	18.6	20.4	355	451,678	7.94	2.24	84	1.2	11.8	6.8	6.1	1,980	8,446	6.39
Other farms	9,090	6,057	31.3	51.2	24.8	25.8	375	567,414	7.90	2.11	270	2.3	37.9	26.0	24.0	1,931	35,862	6.88
Area 5	27,360	22,082	53.3	100.0	100.0	100.0	386	5,086,816	8.25	2.14	772	2.9	100.0	100.0	100.0	1,751	166,235	4.90
Commercial farms	12,472	11,740	59.4	53.2	79.8	77.4	397	4,047,817	8.48	2.14	518	3.2	67.1	83.5	76.8	1,902	139,079	5.33
Class I	104	86	52.3	0.4	9.3	6.6	541	413,513	10.15	1.88	39	8.3	5.1	24.0	19.1	2,206	39,103	6.03
Class II	365	317	57.2	1.4	10.8	8.7	480	485,602	9.11	1.90	52	4.6	6.7	14.8	12.7	2,050	22,427	5.22
Class III	552	515	53.0	2.3	9.0	8.3	502	494,391	9.70	2.31	108	6.0	14.0	16.0	16.9	1,660	27,609	4.81
Class IV	1,481	1,393	62.8	6.3	13.9	13.2	408	712,054	8.77	2.15	91	2.8	11.8	11.3	10.5	1,883	22,048	6.17
Class V	4,098	3,905	64.3	17.7	20.9	22.7	354	1,108,272	7.91	2.23	157	2.1	20.3	14.9	13.7	1,907	23,675	5.10
Class VI	5,872	5,524	58.6	25.0	15.9	18.0	341	833,985	7.53	2.21	71	0.7	9.2	2.4	4.0	1,041	4,217	3.13
Other farms	14,888	10,342	39.5	46.8	20.2	22.6	345	1,038,999	7.46	2.16	254	2.2	32.9	16.5	23.2	1,251	27,156	3.45
Areas 6 and C	25,931	21,566	41.8	100.0	100.0	100.0	392	5,116,283	7.78	1.99	516	2.1	100.0	100.0	100.0	1,786	172,289	5.24
Commercial farms	14,116	12,889	41.9	59.8	87.1	86.1	396	4,403,855	7.77	1.96	434	2.3	84.1	93.3	92.4	1,802	160,980	5.29
Class I	245	208	33.3	1.0	16.0	15.5	404	737,721	7.24	1.79	50	2.7	9.7	25.7	24.6	1,861	41,620	5.14
Class II	543	510	42.8	2.4	20.1	18.6	423	960,715	7.83	1.85	92	2.3	17.8	23.9	20.0	2,134	39,627	6.03
Class III	572	495	33.5	2.3	10.9	9.9	428	536,346	8.21	1.92	97	3.0	18.8	16.2	18.0	1,607	28,487	4.80
Class IV	1,096	950	39.5	4.4	10.3	10.6	383	544,461	7.84	2.04	75	2.5	14.5	11.3	13.4	1,510	20,394	4.63
Class V	3,304	2,984	48.1	13.8	14.1	14.2	389	751,465	8.02	2.06	76	2.3	14.7	13.6	13.5	1,800	25,386	5.71
Class VI	8,356	7,742	58.6	35.9	15.7	17.2	356	873,147	7.70	2.16	44	0.5	8.5	2.6	2.9	1,600	5,466	5.75
Other farms	11,815	8,677	41.0	40.2	12.9	13.9	364	712,428	7.79	2.14	82	1.1	15.9	6.7	7.6	1,579	11,309	4.55
Area 7a	28,830	24,709	73.1	100.0	100.0	100.0	378	9,356,046	7.75	2.05	1,728	3.0	100.0	100.0	100.0	1,360	251,576	5.03
Commercial farms	19,566	18,541	76.6	75.0	92.3	91.8	380	8,634,116	7.80	2.05	1,513	3.2	87.6	92.0	91.6	1,366	232,070	5.07
Class I	66	52	61.6	0.2	3.3	2.7	469	293,713	9.04	1.93	22	6.7	1.3	8.6	7.1	1,656	18,192	5.12
Class II	492	453	72.7	1.8	9.6	8.3	434	906,018	9.02	2.08	149	6.6	8.6	18.1	18.3	1,345	40,604	4.44
Class III	1,858	1,807	80.8	7.3	17.8	16.9	398	1,682,226	8.24	2.07	346	5.0	20.0	24.6	25.2	1,329	72,542	5.77
Class IV	4,981	4,785	80.3	19.4	28.5	28.3	380	2,629,034	7.69	2.02	521	2.5	30.2	22.5	21.3	1,439	56,784	5.33
Class V	6,954	6,642	77.7	26.9	23.8	25.2	356	2,243,540	7.37	2.07	372	2.0	21.5	15.3	15.6	1,329	37,299	4.77
Class VI	5,215	4,802	67.0	19.4	9.3	10.3	341	879,585	7.09	2.08	103	1.1	6.0	2.9	4.1	939	6,649	3.22
Other farms	9,264	6,168	48.5	25.0	7.7	8.2	354	721,930	7.26	2.05	215	2.0	12.4	8.0	8.4	1,303	19,506	4.66

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Alabama—Continued																		
Area 7b	6,430	5,397	52.6	100.0	100.0	100.0	338	728,755	7.40	2.19	108	1.4	100.0	100.0	100.0	1,714	16,337	6.19
Commercial farms	1,929	1,872	53.6	34.7	66.6	65.5	344	488,156	7.57	2.20	57	1.5	52.8	66.6	68.7	1,662	11,607	6.40
Class I	10	10	22.2	0.2	1.0	1.1	305	7,163	6.62	2.17	...	...	...	...	...	...	...	...
Class II	28	25	48.0	0.5	5.7	3.6	535	36,929	10.44	1.95	5	3.0	4.6	9.5	8.3	1,954	2,169	9.90
Class III	55	54	45.2	1.0	7.3	6.3	396	52,830	8.56	2.16	5	1.3	4.6	9.3	6.7	2,360	2,514	14.12
Class IV	205	196	55.8	3.6	14.5	14.7	333	105,018	7.24	2.18	15	3.6	13.9	29.8	35.4	1,445	4,208	4.51
Class V	436	423	61.0	7.8	18.6	19.7	320	138,742	7.15	2.23	25	1.0	23.1	12.9	11.7	1,883	1,820	5.89
Class VI	1,195	1,164	54.0	21.6	19.5	20.1	328	147,474	7.46	2.27	7	0.5	6.5	5.2	6.6	1,349	896	5.12
Other farms	4,501	3,525	50.9	65.3	33.4	34.5	327	240,599	7.07	2.16	51	1.2	47.2	33.4	31.3	1,830	4,730	5.73
Areas 8 and D	6,904	5,271	73.1	100.0	100.0	100.0	638	3,135,005	12.90	2.02	376	3.4	100.0	100.0	100.0	1,783	69,185	6.15
Commercial farms	3,045	2,824	78.4	53.6	90.4	87.1	662	2,837,949	13.41	2.03	313	3.8	83.2	89.0	90.4	1,755	62,103	6.10
Class I	132	131	85.6	2.5	24.0	16.0	954	724,910	18.61	1.95	34	4.6	9.0	19.7	18.7	1,871	15,290	7.26
Class II	356	324	78.3	6.1	23.2	21.4	692	746,815	14.39	2.08	56	4.0	14.9	26.2	23.5	1,990	16,636	6.31
Class III	415	382	86.1	7.2	15.6	16.8	592	496,507	12.13	2.05	105	6.2	27.9	26.4	26.3	1,784	18,783	6.34
Class IV	572	528	75.1	10.0	12.5	13.7	584	392,464	11.79	2.02	50	4.2	13.3	10.8	16.4	1,165	6,917	3.74
Class V	834	775	76.5	14.7	10.7	13.1	521	333,460	10.48	2.01	62	1.4	16.5	5.7	5.0	2,014	4,192	7.41
Class VI	736	684	59.8	13.0	4.4	6.1	460	143,793	9.73	2.12	6	0.2	1.6	0.4	0.4	1,600	285	5.70
Other farms	3,859	2,447	50.1	46.4	9.6	12.9	474	297,056	9.46	1.99	63	1.7	16.8	11.0	9.6	2,045	7,082	6.59
Arizona, total	9,285	3,397	47.1	100.0	100.0	100.0	310	12,425,718	15.56	5.01	14	0.1	100.0	100.0	100.0	1,786	10,942	7.85
Commercial farms	6,216	3,074	52.0	90.5	98.6	98.1	312	12,266,614	15.65	5.02	13	(Z)	92.9	46.6	48.4	1,721	3,875	5.75
Class I	2,114	1,666	60.9	49.0	91.9	90.3	316	11,521,719	15.97	5.06	3	(Z)	21.4	18.5	16.1	2,054	2,500	11.16
Class II	1,273	668	27.0	19.7	4.7	5.1	283	520,885	12.76	4.51	5	0.2	35.7	20.1	17.9	2,000	1,000	4.00
Class III	909	364	10.4	10.7	1.4	1.7	249	148,251	10.97	4.40	5	0.3	35.7	8.0	14.3	1,000	375	1.88
Class IV	858	176	7.9	5.2	0.4	0.5	234	41,417	10.50	4.49	...	...	...	...	...	...	...	...
Class V	761	175	12.4	5.2	0.3	0.4	214	32,372	9.31	4.35	...	...	...	...	...	...	...	...
Class VI	301	25	1.0	0.7	(Z)	(Z)	128	1,970	7.43	5.79	...	...	...	...	...	...	...	...
Other farms	3,069	323	8.1	9.5	1.4	1.9	230	159,104	10.53	4.58	1	0.4	7.1	53.4	51.6	1,847	7,067	9.82
Area 1	1,898	216	3.7	100.0	100.0	100.0	199	70,213	8.23	4.13	...	...	...	...	...	...	...	...
Commercial farms	1,009	154	5.4	71.3	93.2	94.1	197	64,928	8.08	4.10	...	...	...	...	...	...	...	...
Class I	174	34	9.7	15.7	49.2	55.4	177	35,038	7.42	4.19	...	...	...	...	...	...	...	...
Class II	168	19	5.6	8.8	20.7	12.9	319	11,488	10.42	3.26	...	...	...	...	...	...	...	...
Class III	211	48	4.0	22.2	16.9	14.6	232	13,852	11.14	4.81	...	...	...	...	...	...	...	...
Class IV	182	21	3.1	9.7	2.7	8.7	62	2,045	2.77	4.45	...	...	...	...	...	...	...	...
Class V	180	27	1.8	12.5	3.5	2.3	300	2,425	12.12	4.04	...	...	...	...	...	...	...	...
Class VI	94	5	0.2	2.3	0.1	0.3	80	80	3.20	4.00	...	...	...	...	...	...	...	...
Other farms	889	62	0.6	28.7	6.8	5.9	232	5,285	10.57	4.56	...	...	...	...	...	...	...	...
Area A	3,491	1,611	61.1	100.0	100.0	100.0	315	5,606,221	15.81	5.02	5	(Z)	100.0	100.0	100.0	1,000	375	1.88
Commercial farms	2,385	1,429	62.2	88.7	99.2	99.4	314	5,569,904	15.80	5.03	5	(Z)	100.0	100.0	100.0	1,000	375	1.88
Class I	934	754	66.9	46.8	92.6	92.3	316	5,244,191	16.03	5.08	...	...	...	...	...	...	...	...
Class II	519	318	30.4	19.7	4.3	4.5	302	211,758	13.32	4.41	...	...	...	...	...	...	...	...
Class III	290	160	47.3	9.9	1.5	1.7	291	74,865	12.74	4.37	5	1.6	100.0	100.0	100.0	1,000	375	1.88
Class IV	315	102	23.6	6.3	0.5	0.6	295	24,160	12.30	4.17	...	...	...	...	...	...	...	...
Class V	267	85	33.0	5.3	0.3	0.4	194	13,495	8.85	4.56	...	...	...	...	...	...	...	...
Class VI	60	10	24.1	0.6	(Z)	0.1	62	1,435	7.36	11.96	...	...	...	...	...	...	...	...
Other farms	1,106	182	15.1	11.3	0.8	0.6	435	36,317	18.04	4.15	...	...	...	...	...	...	...	...
Area 2a	1,615	1,029	54.5	100.0	100.0	100.0	324	5,813,314	16.28	5.03	3	(Z)	100.0	100.0	100.0	2,054	2,500	11.16
Commercial farms	1,245	1,006	60.5	97.8	98.2	96.9	328	5,712,119	16.51	5.03	3	(Z)	100.0	100.0	100.0	2,054	2,500	11.16
Class I	692	668	63.0	64.9	92.7	90.7	331	5,430,689	16.76	5.07	3	(Z)	100.0	100.0	100.0	2,054	2,500	11.16
Class II	225	190	44.3	18.5	4.2	4.5	299	219,653	13.64	4.57	...	...	...	...	...	...	...	...
Class III	125	97	35.8	9.4	1.0	1.2	261	44,485	10.25	3.92	...	...	...	...	...	...	...	...
Class IV	89	20	8.1	1.9	0.1	0.1	447	5,700	16.76	3.75	...	...	...	...	...	...	...	...
Class V	63	26	27.2	2.5	0.2	0.3	243	11,242	10.69	4.39	...	...	...	...	...	...	...	...
Class VI	51	5	3.2	0.5	(Z)	(Z)	640	350	14.00	2.19	...	...	...	...	...	...	...	...
Other farms	370	23	13.5	2.2	1.8	3.1	186	101,195	9.00	4.83	...	...	...	...	...	...	...	...
Area 2b	2,281	541	34.2	100.0	100.0	100.0	242	935,970	11.92	4.92	6	0.4	100.0	100.0	100.0	1,887	8,067	8.32
Commercial farms	1,577	485	35.3	89.6	98.0	98.3	242	919,663	11.91	4.93	5	0.1	83.3	27.3	25.8	2,000	1,000	4.00
Class I	314	210	49.1	38.8	87.0	83.8	252	811,801	12.34	4.90	...	...	...	...	...	...	...	...
Class II	361	141	18.0	26.1	8.3	9.8	204	77,986	10.08	4.94	5	0.6	83.3	27.3	25.8	2,000	1,000	4.00
Class III	283	59	19.3	10.9	1.2	2.6	113	15,049	7.34	6.49	...	...	...	...	...	...	...	...
Class IV	272	33	6.5	6.1	0.8	1.1	160	9,512	10.55	6.61	...	...	...	...	...	...	...	...
Class V	251	37	8.1	6.8	0.7	0.9	189	5,210	7.44	3.95	...	...	...	...	...	...	...	...
Class VI	96	5	0.2	0.9	(Z)	(Z)	200	105	5.25	2.62	...	...	...	...	...	...	...	...
Other farms	704	56	12.3	10.4	2.0	1.7	287	16,307	12.06	4.20	1	6.6	16.7	72.7	74.2	1,847	7,067	9.82
Arkansas, total	145,292	86,810	31.8	100.0	100.0	100.0	236	22,024,313	7.51	3.18	3,733	0.8	100.0	100.0	100.0	2,973	471,705	6.02
Commercial farms	88,750	67,174	35.6	77.4	92.9	93.6	235	20,790,428	7.57	3.23	2,878	0.9	77.1	88.1	87.7	2,986	419,415	6.10
Class I	3,315	2,695	41.9	3.1	25.0	27.9	211	6,259,189	7.64	3.61	233	0.9	6.2	22.3	23.5	2,825	108,405	5.89
Class II	6,363	4,925	38.2	5.7	15.8	16.3	230	3,644,497	7.64	3.32	370	0.9	9.9	15.4	13.8	3,327	74,252	6.87
Class III	11,789	9,550	37.4	11.0	15.4	14.9	244	3,330,710	7.61	3.12	453	1.2	12.1	17.1	18.2	2,795	77,471	5.42
Class IV	20,223	16,518	37.5	19.0	16.8	15.9	251	3,602,899	7.73	3.08	690	0.9	18.5	14.7	13.9	3,152	71,254	6.55
Class V	27,791	21,354	31.7	24.6	14.1	13.1	254	2,889,134	7.51	2.96	677	0.8	18.1	12.6	12.3	3,040	61,433	6.36
Class VI	19,269	12,132	18.4	14.0	5.8	5.5	250	1,063,999	6.65	2.66	455	0.5	12.2	5.9	6.0	2,916	26,600	5.67
Other farms	56,542	19,636	12.3	22.6	7.1	6.4	263	1,233,885	6.59	2.51	855	0.6	22.9	11.9	12.3	2,881	52,290	5.42
Area 1a	8,611	3,744	23.7	100.0	100.0	100.0	234	562,896	6.28	2.68	406	1.9	100.0	100.0	100.0	3,453	38,425	5.35
Commercial farms	5,110	2,763	27.0	73.8	88.4	88.9	233	505,126	6.33	2.72	336	2.2	82.8	90.4	89.8	3,473	34,960	5.42
Class 1	166	80	39.6	2.1	7.4	8.1	213	46,845	6.47	3.03	15	5.4	3.7	12.6	13.6	3,184	3,360	3.43
Class II	632	317	31.8	8.5	11.8	12.7	218	68,820	6.05	2.77	60	1.8	14.8	10.0	9.1	3,786	4,015	6.13
Class III	907	509	30.9	13.6	19.5	20.7	220	111,051	5.98	2.72	76	2.4	18.7	22.1	20.3	3,753	9,050	6.20
Class IV	1,000	620	27.1	16.6	19.1	19.3	231	104,560	6.04	2.61	70	2.3	17.2	17.4	20.8	2,899	7,270	4.88
Class V	1,254	677	24.2	18.1	21.2	19.0	261	120,525	7.07	2.71	75	1.7	18.5	19.2	16.9	3,926	8,590	7.10
Class VI	1,151	560	17.5	15.0	9.5	9.1	244	53,325	6.51	2.67	40	1.4	9.9	9.1	9.1	3,435	2,675	4.08
Other farms	3,501	981	11.9	26.2	11.6	11.1	245	57,770	5.82	2.38	70	0.9	17.2	9.6	10.2	3,274	3,465	4.75

Z Less than 0.05.

USE OF FERTILIZER AND LIME

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Arkansas—Continued																		
Area 1b	16,456	6,916	12.1	100.0	100.0	100.0	261	684,004	6.39	2.45	651	0.7	100.0	100.0	100.0	3,432	45,505	7.30
Commercial farms	7,590	4,308	14.4	62.3	79.0	78.7	262	548,702	6.52	2.48	521	0.9	80.0	84.5	86.7	3,346	39,095	7.23
Class I	130	62	13.4	0.9	2.7	2.7	265	19,250	6.78	2.56	21	2.0	3.2	4.4	6.7	2,273	2,206	5.29
Class II	353	139	15.9	2.0	6.1	6.4	249	48,294	7.01	2.82	33	1.2	5.1	11.1	8.0	4,728	6,787	13.57
Class III	385	234	20.1	3.4	10.3	8.3	324	78,084	8.74	2.70	33	0.9	5.1	6.3	6.1	3,583	2,444	6.45
Class IV	1,037	673	17.3	9.7	17.4	16.7	272	121,734	6.79	2.50	149	1.5	22.9	21.8	25.3	2,961	9,228	5.86
Class V	2,516	1,538	13.9	22.2	23.2	23.9	254	160,295	6.28	2.47	175	0.9	26.9	28.4	26.9	3,629	12,575	7.50
Class VI	3,169	1,662	11.7	24.0	19.2	20.6	244	121,045	5.48	2.25	110	0.5	16.9	12.5	13.7	3,112	5,855	6.84
Other farms	8,866	2,608	7.7	37.7	21.0	21.3	258	135,302	5.92	2.30	130	0.3	20.0	15.5	13.3	3,988	6,410	7.72
Area 2	11,330	5,220	18.7	100.0	100.0	100.0	262	836,326	7.10	2.71	462	1.2	100.0	100.0	100.0	3,150	42,559	5.56
Commercial farms	4,632	3,010	22.4	57.7	78.9	83.7	247	691,418	7.01	2.84	260	1.3	56.3	62.5	72.2	2,725	27,004	4.88
Class I	122	71	28.4	1.4	8.0	6.8	311	67,180	8.42	2.71	16	3.1	3.5	9.1	11.2	2,558	3,420	3.98
Class II	349	210	27.7	4.0	14.5	15.0	254	135,162	7.67	3.02	23	1.3	5.0	7.7	10.9	2,220	3,727	4.46
Class III	521	328	28.5	6.3	13.6	15.9	225	131,788	7.05	3.13	34	1.4	7.4	11.2	11.7	3,009	4,503	5.03
Class IV	581	457	26.1	8.8	14.2	15.1	247	123,365	6.91	2.81	53	1.3	11.5	11.7	11.9	3,117	6,199	6.83
Class V	1,374	971	17.9	18.6	16.1	17.1	246	134,103	6.65	2.70	78	1.3	16.9	15.2	19.4	2,456	5,935	3.98
Class VI	1,685	973	16.0	18.6	12.4	13.8	236	99,820	6.13	2.60	56	0.5	12.1	7.6	7.1	3,376	3,220	5.91
Other farms	6,698	2,210	10.2	42.3	21.1	16.3	340	144,908	7.55	2.22	202	1.1	43.7	37.5	27.8	4,255	15,555	7.31
Areas 3 and 4	14,919	7,969	21.4	100.0	100.0	100.0	262	1,541,975	7.28	2.78	420	0.6	100.0	100.0	100.0	3,593	41,464	7.06
Commercial farms	7,395	5,482	24.5	68.8	87.7	88.1	261	1,370,490	7.35	2.81	329	0.7	78.3	86.5	84.4	3,683	35,409	7.15
Class I	99	79	34.1	1.0	8.6	9.7	233	153,252	7.45	3.19	13	0.5	3.1	3.7	4.8	2,780	1,687	5.98
Class II	372	286	30.3	3.6	13.3	13.6	258	204,984	7.13	2.77	27	0.6	6.4	19.2	9.1	7,617	4,788	8.98
Class III	842	625	25.5	7.8	16.1	15.9	266	243,167	7.24	2.72	61	1.1	14.5	20.3	24.4	2,996	8,317	5.82
Class IV	1,296	1,004	25.4	12.6	19.0	17.9	278	334,241	8.82	3.17	69	0.7	16.4	20.0	17.6	4,081	9,657	9.33
Class V	2,331	1,806	24.1	22.7	19.8	20.1	259	285,702	6.73	2.60	112	0.6	26.7	17.6	19.5	3,238	8,210	7.17
Class VI	2,455	1,682	15.7	21.1	10.9	11.0	259	149,144	6.40	2.47	47	0.4	11.2	5.6	9.0	2,245	2,750	5.19
Other farms	7,524	2,487	11.0	31.2	12.3	11.9	271	171,485	6.81	2.51	91	0.4	21.7	13.5	15.6	3,106	6,055	6.62
Area 4	10,149	3,630	12.5	100.0	100.0	100.0	244	346,916	6.18	2.54	359	1.5	100.0	100.0	100.0	2,283	31,373	4.61
Commercial farms	2,839	1,523	15.8	42.0	69.1	71.2	236	248,721	6.22	2.63	223	1.8	62.1	76.8	68.8	2,551	23,793	5.08
Class I	49	19	30.7	0.5	5.3	5.7	227	27,575	8.58	3.79	3	1.9	0.8	5.5	2.9	4,392	1,284	6.62
Class II	133	66	21.6	1.8	4.8	7.1	165	18,884	4.74	2.86	27	3.2	7.5	10.2	8.6	2,695	3,935	6.70
Class III	276	118	23.3	3.3	10.1	12.5	197	36,986	5.28	2.68	10	1.3	2.8	10.0	5.9	3,837	4,219	10.44
Class IV	391	230	14.6	6.3	13.8	12.6	267	47,652	6.71	2.52	74	3.1	20.6	26.1	22.2	2,679	6,210	4.11
Class V	703	419	14.8	11.5	18.7	17.9	255	62,438	6.22	2.44	44	1.7	12.3	11.0	17.2	1,453	4,215	3.59
Class VI	1,287	671	11.0	18.5	16.3	15.4	258	55,186	6.39	2.47	65	1.0	18.1	14.2	11.9	2,716	3,930	4.85
Other farms	7,310	2,107	8.3	58.0	30.9	28.8	262	98,195	6.08	2.32	136	1.1	37.9	23.2	31.2	1,694	7,580	3.57
Area 5	10,707	5,987	27.1	100.0	100.0	100.0	237	972,421	6.16	2.60	229	1.0	100.0	100.0	100.0	1,578	20,925	3.49
Commercial farms	4,332	3,129	31.5	52.3	79.3	80.7	233	787,476	6.18	2.65	129	1.1	56.3	79.8	76.6	1,645	15,885	3.46
Class I	72	46	41.2	0.8	10.4	10.1	244	115,253	7.26	2.97	3	0.7	1.3	6.3	4.4	2,264	1,340	5.06
Class II	205	182	32.4	3.0	10.6	11.1	227	99,617	5.69	2.51	15	0.6	6.6	10.8	5.2	3,303	2,302	7.43
Class III	405	328	34.1	5.5	13.9	14.6	225	148,960	6.44	2.87	23	4.0	10.0	19.4	45.7	670	3,885	1.42
Class IV	596	440	29.3	7.3	14.1	13.8	243	138,582	6.38	2.63	21	0.4	9.2	9.3	4.7	3,143	2,265	8.09
Class V	1,190	877	32.8	14.6	16.3	16.6	233	154,026	5.88	2.53	36	0.8	15.7	20.9	10.3	3,210	3,298	5.36
Class VI	1,864	1,256	25.5	21.0	14.1	14.5	230	131,038	5.71	2.48	31	0.4	13.5	13.0	6.4	3,230	2,795	7.32
Other farms	6,375	2,858	17.1	47.7	20.7	19.3	253	184,945	6.06	2.39	100	0.8	43.7	20.2	23.4	1,359	5,040	3.59
Area 6	13,525	8,382	32.3	100.0	100.0	100.0	270	1,407,117	7.64	2.83	211	1.0	100.0	100.0	100.0	2,532	34,049	6.10
Commercial farms	5,124	4,461	38.8	53.2	82.7	82.2	272	1,174,387	7.75	2.85	150	1.3	71.1	88.3	89.6	2,495	30,719	6.14
Class I	82	73	40.8	0.9	13.0	14.8	237	200,115	7.33	3.09	12	2.5	5.7	20.2	30.2	1,688	7,305	4.33
Class II	123	116	55.3	1.4	8.8	10.1	234	133,236	7.14	3.04	4	0.7	1.9	6.0	4.5	3,368	2,021	8.08
Class III	338	317	37.8	3.8	9.2	9.2	272	125,524	7.44	2.74	20	2.6	9.5	14.6	20.5	1,801	4,773	4.17
Class IV	901	815	41.0	9.7	18.0	16.0	304	260,196	8.83	2.90	43	1.0	20.4	16.7	13.0	3,255	5,700	7.86
Class V	1,912	1,718	40.0	20.5	23.1	21.7	288	320,605	8.03	2.78	61	1.0	28.9	27.0	18.3	3,735	10,130	9.93
Class VI	1,768	1,422	26.2	17.0	10.5	10.5	273	134,711	6.99	2.57	10	0.2	4.7	4.0	3.1	3,200	790	4.51
Other farms	8,401	3,921	18.1	46.8	17.3	17.8	263	232,730	7.11	2.70	61	0.3	28.9	11.7	10.4	2,845	3,330	5.74
Area 7a	22,474	16,894	35.9	100.0	100.0	100.0	229	5,112,649	7.44	3.25	604	0.9	100.0	100.0	100.0	3,103	90,087	5.48
Commercial farms	19,155	15,978	36.8	94.6	98.7	98.8	229	5,048,084	7.44	3.25	564	0.9	93.4	95.2	95.6	3,089	86,982	5.53
Class I	795	612	34.0	3.6	21.9	24.9	202	1,221,200	7.14	3.54	46	1.0	7.6	27.0	30.7	2,727	23,747	4.70
Class II	1,766	1,443	35.9	8.5	19.1	19.3	226	1,015,047	7.65	3.38	111	1.0	18.4	20.8	23.3	2,777	18,670	4.88
Class III	3,732	3,411	38.6	20.2	22.3	21.1	242	1,094,727	7.54	3.11	115	0.9	19.0	27.6	21.6	3,961	22,420	6.32
Class IV	5,814	5,150	42.1	30.5	22.5	21.2	244	1,089,190	7.48	3.07	135	0.5	22.4	11.6	10.7	3,375	12,510	7.11
Class V	4,972	4,101	38.0	24.3	10.7	10.2	239	510,830	7.28	3.05	76	0.6	12.6	6.4	6.8	2,937	7,450	6.71
Class VI	2,076	1,261	21.6	7.5	2.2	2.1	238	117,090	8.21	3.45	81	0.6	13.4	1.7	2.6	2,119	2,185	5.20
Other farms	3,319	916	11.3	5.4	1.3	1.2	248	64,565	8.06	3.25	40	1.0	6.6	4.8	4.4	3,403	3,105	4.31
Area 7b	5,959	4,263	42.9	100.0	100.0	100.0	208	2,517,903	7.54	3.63	104	0.5	100.0	100.0	100.0	3,743	39,649	10.49
Commercial farms	4,495	3,761	44.5	88.2	97.9	98.3	207	2,476,583	7.54	3.65	94	0.5	90.4	96.5	96.7	3,734	38,149	10.44
Class I	514	465	47.7	10.9	43.4	46.6	193	1,153,028	7.40	3.83	10	0.3	9.6	16.2	27.1	2,240	7,392	7.21
Class II	768	676	46.2	15.9	29.2	29.2	208	755,409	7.74	3.73	19	0.4	18.3	43.8	25.0	6,552	14,972	15.84
Class III	599	504	39.3	11.8	9.8	9.0	225	206,465	6.87	3.05	30	0.9	28.8	10.5	18.3	2,145	5,685	8.24
Class IV	830	704	38.6	16.5	7.2	6.3	235	159,666	7.54	3.21	20	1.2	19.2	20.1	18.0	4,176	7,700	11.32
Class V	1,038	887	41.0	20.8	6.2	5.4	237	158,915	8.82	3.72	...	...	...	...	...	...	...	...
Class VI	746	525	24.2	12.3	2.2	1.8	261	43,100	7.31	2.80	15	1.3	14.4	5.9	8.3	2,667	2,400	7.62
Other farms	1,464	502	13.7	11.8	2.1	1.7	261	41,320	7.48	2.87	10	0.3	9.6	3.5	3.3	4,000	1,500	12.00
Area 8a	21,145	16,180	48.8	100.0	100.0	100.0	228	5,496,601	8.12	3.57	166	0.5	100.0	100.0	100.0	3,216	60,086	8.21
Commercial farms	20,050	15,735	49.1	97.2	99.4	99.4	227	5,464,911	8.12	3.57	156	0.5	94.0	99.7	98.8	3,245	59,866	8.28
Class I	945	888	47.9	5.5	42.7	45.3	215	2,515,509	8.21	3.82	65	0.7	39.2	67.9	63.9	3,416	41,556	8.89
Class II	1,165	1,018	41.6	6.3	12.7	12.7	227	679,299	7.87	3.47	26	0.6	15.7	14.0	18.1	2,491	10,100	7.62
Class III	2,846	2,271	46.8	14.0	13.7	13.1	240	717,670	8.12	3.39	25	0.4	15.1	12.6	10.0	4,027	6,000	8.16
Class IV	5,978	4,738	57.2	29.3	16.5	15.9	236	842,928	7.84	3.32	30	0.2	18.1	4.7	5.9	2,529	1,955	4.49
Class V	7,516	5,780	61.3	35.7	12.2	11.2	249	634,900	8.40	3.38	10	(Z)	6.0	0.6	0.8	2,167	255	4.25
Class VI	1,600	1,040	39.3	6.4	1.5	1.4	260	74,605	8.14	3.13	...	...	...	...	...	...	...	...
Other farms	1,095	445	24.3	2.8	0.6	0.6	259	31,690	8.32	3.21	10	0.5	6.0	0.3	1.2	824	220	2.59

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Arkansas—Continued																		
Area 8b	10,017	7,625	46.3	100.0	100.0	100.0	246	2,545,505	8.20	3.33	121	0.8	100.0	100.0	100.0	2,502	27,583	4.97
Commercial farms	8,028	7,024	47.7	92.1	96.7	95.7	249	2,474,530	8.33	3.35	116	0.9	95.9	99.9	99.9	2,501	27,553	4.97
Class I	341	300	41.8	3.9	29.0	32.7	218	739,982	7.29	3.34	29	1.2	24.0	62.4	53.8	2,899	15,108	5.06
Class II	497	472	48.3	6.2	19.4	17.9	266	485,745	8.74	3.28	25	0.9	20.7	11.7	18.8	1,567	2,935	2.82
Class III	938	905	55.8	11.9	16.1	15.3	260	436,288	9.18	3.53	26	1.0	21.5	15.9	15.8	2,514	6,175	7.06
Class IV	1,799	1,687	55.7	22.1	14.5	13.7	260	380,785	8.94	3.43	26	0.6	21.5	7.7	8.6	2,253	2,560	5.39
Class V	2,985	2,580	53.9	33.8	14.1	12.8	271	346,795	8.71	3.22	10	0.2	8.3	2.2	3.0	1,818	775	4.70
Class VI	1,468	1,080	33.5	14.2	3.5	3.2	275	84,935	8.62	3.14	...	...	...	...	...	...	...	...
Other farms	1,989	601	28.5	7.9	3.3	4.3	190	70,975	5.28	2.78	5	(Z)	4.1	0.1	0.1	4,000	30	6.00
California, total	123,002	47,040	27.8	100.0	100.0	100.0	421	63,005,370	16.26	3.87	1,910	0.5	100.0	100.0	100.0	3,824	804,261	11.42
Commercial farms	89,426	40,956	28.5	87.1	98.9	98.8	421	62,364,157	16.29	3.87	1,770	0.5	92.7	99.3	98.8	3,842	796,647	11.45
Class I	18,234	11,429	34.9	24.3	79.1	78.4	424	50,244,676	16.53	3.90	647	0.6	33.9	80.7	74.0	4,171	595,969	11.45
Class II	20,215	10,461	19.3	22.2	11.2	11.7	404	6,842,949	15.08	3.73	510	0.4	26.7	11.4	14.3	3,034	112,899	11.20
Class III	18,832	8,293	16.2	17.6	4.9	5.0	412	3,014,514	15.59	3.78	310	0.4	16.2	4.8	6.7	2,740	58,858	12.44
Class IV	15,717	5,885	14.1	12.5	2.3	2.4	413	1,473,108	16.04	3.89	153	0.2	8.0	1.6	2.1	2,850	15,351	10.26
Class V	12,945	3,942	10.0	8.4	1.1	1.1	416	643,086	15.13	3.64	100	0.2	5.2	0.5	1.1	1,921	9,130	12.01
Class VI	3,483	946	10.7	2.0	0.2	0.2	416	145,824	16.11	3.87	50	0.5	2.6	0.3	0.6	1,886	4,440	10.09
Other farms	33,576	6,084	8.6	12.9	1.1	1.2	387	641,213	14.29	3.69	140	0.2	7.3	0.7	1.2	2,293	7,614	9.23
Area 1	4,504	982	9.9	100.0	100.0	100.0	355	313,136	11.13	3.13	120	0.6	100.0	100.0	100.0	2,039	24,942	14.55
Commercial farms	2,521	780	10.0	79.4	95.1	91.4	370	294,715	11.46	3.10	93	0.6	77.5	93.0	91.9	2,061	23,629	14.99
Class I	273	143	12.9	14.6	36.5	35.6	364	113,774	11.35	3.12	23	0.8	19.2	37.6	34.0	2,250	8,055	13.82
Class II	627	272	12.1	27.7	35.3	31.5	398	105,586	11.90	2.99	55	1.2	45.8	45.7	52.7	1,767	12,949	14.34
Class III	508	160	6.6	16.3	11.7	11.5	360	38,073	11.73	3.26	...	...	...	...	...	...	...	...
Class IV	458	99	6.2	10.1	7.2	7.4	342	23,952	11.45	3.35	10	0.1	8.3	3.4	2.3	3,000	700	17.50
Class V	520	91	6.9	9.3	4.0	4.9	289	11,350	8.29	2.87	...	...	...	...	...	...	...	...
Class VI	135	15	4.1	1.5	0.5	0.4	433	1,980	16.50	3.81	5	1.7	4.2	6.3	2.9	4,400	1,925	38.50
Other farms	1,983	202	8.7	20.6	4.9	8.6	203	18,421	7.59	3.74	27	0.5	22.5	7.0	8.1	1,783	1,313	9.51
Area 2	7,401	1,175	11.0	100.0	100.0	100.0	338	386,310	10.86	3.21	48	0.3	100.0	100.0	100.0	1,952	9,374	10.24
Commercial farms	4,777	1,000	11.6	85.1	95.4	97.0	332	374,135	10.84	3.26	38	0.3	79.2	98.9	96.7	1,995	9,279	10.48
Class I	647	157	11.2	13.4	47.1	40.5	394	189,536	13.16	3.35	16	0.3	33.3	62.2	42.1	2,883	5,540	14.39
Class II	1,009	248	13.5	21.1	18.8	24.0	265	78,533	9.20	3.47	11	0.6	22.9	26.1	40.4	1,259	2,774	7.50
Class III	966	212	10.0	18.0	15.5	13.4	390	52,767	11.04	2.83	11	0.3	22.9	10.6	14.2	1,462	965	7.42
Class IV	1,026	212	12.6	18.0	9.9	13.0	258	37,165	8.02	3.11	...	...	...	...	...	...	...	...
Class V	902	160	10.9	13.6	3.8	5.6	228	15,345	7.67	3.37	...	...	...	...	...	...	...	...
Class VI	227	11	5.4	0.9	0.2	0.5	126	789	4.51	3.59	...	...	...	...	...	...	...	...
Other farms	2,624	175	4.1	14.9	4.6	3.0	522	12,175	11.43	2.19	10	0.1	20.8	1.1	3.3	667	95	3.17
Areas A and B	10,461	3,954	17.4	100.0	100.0	100.0	619	3,813,987	24.80	4.01	119	0.8	100.0	100.0	100.0	3,069	51,508	7.35
Commercial farms	7,565	3,467	17.9	87.7	99.0	98.5	622	3,770,935	24.88	4.00	109	0.8	91.6	99.5	99.6	3,067	51,108	7.33
Class I	1,667	994	21.5	25.1	76.2	70.2	672	2,876,118	26.63	3.96	46	1.2	38.7	85.7	83.1	3,165	39,902	6.86
Class II	1,680	987	15.3	25.0	13.0	16.2	496	543,633	21.84	4.41	36	0.5	30.3	9.5	12.7	2,292	8,135	9.14
Class III	1,436	651	13.6	16.5	6.0	7.6	485	214,018	18.26	3.76	5	0.1	4.2	0.9	1.4	2,000	1,235	13.00
Class IV	1,177	438	9.2	11.1	2.5	2.8	552	87,606	20.64	3.74	7	0.3	5.9	3.2	1.9	5,308	1,476	11.35
Class V	1,273	342	7.0	8.6	1.2	1.7	467	44,565	17.56	3.76	5	(Z)	4.2	(Z)	0.1	2,000	60	12.00
Class VI	332	55	1.4	1.4	0.1	0.1	787	4,995	33.30	4.23	10	0.3	8.4	0.2	0.5	1,143	300	8.57
Other farms	2,896	487	6.1	12.3	1.0	1.5	441	43,052	19.09	4.33	10	0.1	8.4	0.5	0.4	3,667	400	13.33
Area 3	5,872	1,776	17.0	100.0	100.0	100.0	944	6,129,436	33.05	3.50	74	0.2	100.0	100.0	100.0	2,365	19,237	7.66
Commercial farms	3,915	1,583	17.3	89.1	99.6	99.0	950	6,105,069	33.26	3.50	64	0.2	86.5	96.5	95.4	2,391	18,637	7.78
Class I	1,002	651	22.0	36.7	91.7	82.5	1,049	5,541,561	36.22	3.45	34	0.3	45.9	88.0	83.1	2,506	16,462	7.89
Class II	899	419	10.3	23.6	5.3	10.8	462	395,153	19.67	4.26	...	...	...	...	...	...	...	...
Class III	734	233	6.7	13.1	1.8	3.5	476	112,375	17.09	3.59	20	0.2	27.0	6.6	8.4	1,857	1,935	9.21
Class IV	592	149	6.5	8.4	0.6	1.6	361	38,810	13.36	3.70	5	0.2	6.8	1.7	3.6	1,111	200	2.22
Class V	503	96	2.8	5.4	0.2	0.4	532	14,095	19.63	3.69	5	(Z)	6.8	0.2	0.4	1,000	40	4.00
Class VI	185	35	7.7	2.0	0.1	0.2	321	3,075	10.98	3.42	...	...	...	...	...	...	...	...
Other farms	1,957	193	6.2	10.9	0.4	1.0	342	24,367	13.12	3.83	10	0.4	13.5	3.5	4.6	1,826	600	5.22
Areas 4 and C	13,958	4,954	29.6	100.0	100.0	100.0	257	6,725,788	9.49	3.69	135	0.3	100.0	100.0	100.0	4,261	62,027	10.04
Commercial farms	9,607	4,493	30.2	90.7	99.5	99.5	258	6,697,103	9.50	3.69	135	0.3	100.0	100.0	100.0	4,261	62,027	10.04
Class I	2,046	1,498	35.1	30.2	79.1	80.8	252	5,368,232	9.38	3.72	54	0.3	40.0	91.1	80.0	4,855	53,145	10.76
Class II	1,985	1,090	21.0	22.0	12.1	10.6	292	787,020	10.45	3.58	39	0.2	28.9	5.5	12.4	1,895	5,556	7.26
Class III	1,992	913	20.0	18.4	5.2	5.1	267	330,874	9.24	3.46	12	0.1	8.9	0.7	1.5	1,881	771	8.12
Class IV	1,708	534	14.1	10.8	1.9	2.1	243	138,290	9.51	3.91	15	0.2	11.1	2.0	2.8	3,118	1,345	7.91
Class V	1,478	388	11.3	7.8	1.1	0.9	323	67,607	10.98	3.40	15	0.4	11.1	0.7	3.3	878	1,210	5.90
Class VI	398	70	6.4	1.4	0.1	0.1	311	5,080	9.41	3.02	...	...	...	...	...	...	...	...
Other farms	4,351	461	6.2	9.3	0.5	0.5	237	28,685	8.21	3.46	...	...	...	...	...	...	...	...
Areas 5 and D	16,147	5,804	24.1	100.0	100.0	100.0	384	5,123,735	13.19	3.44	365	1.0	100.0	100.0	100.0	3,647	163,026	9.75
Commercial farms	13,414	5,333	24.2	91.9	98.8	98.5	385	5,066,137	13.24	3.44	359	1.0	98.4	99.7	99.1	3,668	161,660	9.76
Class I	2,273	1,300	28.5	22.4	72.0	69.2	399	3,698,287	13.75	3.42	117	1.3	32.1	86.2	75.1	4,188	118,130	9.42
Class II	3,124	1,456	18.5	25.1	14.7	16.3	346	765,280	12.05	3.48	97	0.6	26.6	6.8	13.2	1,887	21,305	9.64
Class III	3,305	1,269	18.1	21.9	7.0	7.7	348	355,195	11.81	3.39	60	0.6	16.4	4.7	6.2	2,757	15,125	14.68
Class IV	2,412	707	17.4	12.2	3.2	3.4	369	153,285	11.77	3.19	45	0.6	12.3	1.3	2.9	1,687	4,075	8.49
Class V	1,822	510	12.9	8.8	1.6	1.5	391	80,710	13.47	3.44	30	0.4	8.2	0.5	1.1	1,667	2,375	13.19
Class VI	478	91	13.6	1.6	0.2	0.2	373	13,380	14.08	3.78	10	1.8	2.7	0.2	0.7	960	650	5.20
Other farms	2,733	471	21.3	8.1	1.2	1.5	306	57,598	9.73	3.18	6	0.5	1.6	0.3	0.9	1,241	1,366	9.42
Areas 6 and E	22,342	10,674	35.9	100.0	100.0	100.0	365	19,797,318	14.34	3.93	711	0.8	100.0	100.0	100.0	4,508	395,405	13.17
Commercial farms	19,205	10,391	36.2	97.3	99.8	99.8	365	19,765,103	14.35	3.93	701	0.8	98.6	99.5	99.5	4,508	393,255	13.17
Class I	4,643	3,468	40.5	32.5	84.9	87.1	356	17,126,832	14.25	4.01	257	0.7	36.1	77.1	74.1	4,691	295,213	13.27
Class II	4,910	2,954	23.0	27.7	9.6	8.2	424	1,691,379	14.89	3.51	207	0.9	29.1	14.8	15.0	4,447	58,010	12.91
Class III	4,373	2,165	19.9	20.3	3.5	3.0	432	636,474	15.61	3.61	157	1.1	22.1	5.3	7.5	3,168	26,947	11.91
Class IV	3,034	1,214	17.7	11.4	1.3	1.1	432	229,298	14.89	3.45	45	0.6	6.3	1.3	1.6	3,729	6,725	14.01
Class V	1,894	505	12.9	4.7	0.4	0.4	388	69,050	13.42	3.46	30	0.7	4.2	0.7	0.9	3,214	5,160	18.43
Class VI	351	85	8.9	0.8	0.1	(Z)	636	12,070	19.01	2.99	5	1.4	0.7	0.3	0.3	4,000	1,200	12.00
Other farms	3,137	283	6.4	2.7	0.2	0.2	319	32,215	10.43	3.27	10	0.3	1.4	0.5	0.5	4,516	2,150	13.87

Z less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
California—Continued																		
Areas 7, F, G, and H	28,014	12,679	25.3	100.0	100.0	100.0	658	9,345,629	26.45	4.02	247	0.2	100.0	100.0	100.0	2,262	42,495	14.60
Commercial farms	19,249	9,580	26.4	75.6	96.8	95.8	665	9,037,759	26.70	4.01	197	0.2	79.8	95.6	95.5	2,264	41,250	14.83
Class I	4,029	2,067	28.9	16.3	64.6	61.2	694	5,953,021	27.52	3.96	72	0.2	29.1	67.1	63.6	2,386	28,495	15.39
Class II	3,997	1,921	23.7	15.2	15.2	16.8	596	1,417,548	23.87	4.00	50	0.1	20.2	7.6	9.1	1,887	2,825	10.66
Class III	3,740	1,848	23.2	14.6	8.1	8.2	656	773,366	26.79	4.08	25	0.4	10.1	16.6	15.5	2,422	8,610	19.13
Class IV	3,511	1,835	25.9	14.5	5.1	5.0	681	547,435	31.25	4.59	25	0.1	10.1	3.3	3.4	2,200	820	8.20
Class V	3,094	1,498	17.9	11.8	3.1	3.7	551	280,789	21.49	3.90	10	(Z)	4.0	0.5	1.0	1,000	185	6.17
Class VI	878	411	19.8	3.2	0.6	1.0	439	65,600	19.29	4.39	15	0.5	6.1	0.6	2.9	471	315	3.71
Other farms	8,765	3,099	12.7	24.4	3.2	4.2	506	307,870	20.85	4.12	50	0.1	20.2	4.4	4.5	2,231	1,245	9.58
Area 8	6,523	3,189	58.9	100.0	100.0	100.0	458	10,516,161	19.63	4.29	48	0.1	100.0	100.0	100.0	2,228	11,822	10.19
Commercial farms	4,593	2,770	61.3	86.9	99.0	98.8	458	10,434,401	19.72	4.30	32	0.1	66.7	95.2	95.5	2,220	11,417	10.30
Class I	1,126	920	71.6	28.8	85.1	83.8	465	9,029,030	20.10	4.33	12	0.1	25.0	75.5	68.4	2,459	8,582	10.82
Class II	1,018	679	39.3	21.3	8.9	9.1	447	814,099	16.72	3.74	5	(Z)	10.4	1.9	2.2	2,000	275	11.00
Class III	838	479	31.0	15.0	3.0	3.5	395	388,907	20.77	5.25	10	0.4	20.8	17.4	21.1	1,837	2,510	10.24
Class IV	785	371	28.7	11.6	1.2	1.6	358	135,085	16.04	4.48	...	...	...	...	...	...	...	...
Class V	560	196	13.8	6.1	0.4	0.4	390	32,760	14.31	3.67	...	...	...	...	...	...	...	...
Class VI	266	125	36.0	3.9	0.4	0.4	475	34,520	17.89	3.77	5	0.8	10.4	0.4	3.9	222	50	1.11
Other farms	1,930	419	14.0	13.1	1.0	1.2	384	81,760	12.45	3.24	16	0.1	33.3	4.8	4.5	2,385	405	7.79
Area 9	7,780	1,853	8.8	100.0	100.0	100.0	234	853,870	8.15	3.48	43	0.1	100.0	100.0	100.0	3,698	24,425	19.11
Commercial farms	4,580	1,559	9.3	84.1	95.7	96.7	231	818,800	8.08	3.49	42	0.1	97.7	99.7	97.7	3,777	24,385	19.54
Class I	528	231	11.5	12.5	37.8	42.6	208	348,285	7.80	3.76	16	0.2	37.2	82.3	64.3	4,732	22,445	27.31
Class II	966	435	10.9	23.5	27.0	29.3	215	244,718	7.96	3.70	10	0.1	23.3	6.6	12.1	2,000	1,070	6.90
Class III	940	363	7.2	19.6	15.9	12.2	304	112,465	8.76	2.88	10	0.1	23.3	10.2	16.8	2,233	760	3.53
Class IV	1,014	326	7.0	17.6	10.8	8.7	293	82,182	9.05	3.09	1	(Z)	2.3	0.1	0.5	667	10	1.67
Class V	899	156	3.5	8.4	3.5	3.1	263	26,815	8.27	3.15	5	0.1	11.6	0.6	3.9	600	100	2.00
Class VI	233	48	4.8	2.6	0.6	0.8	170	4,335	4.97	2.93	...	...	...	...	...	...	...	...
Other farms	3,200	294	3.3	15.9	4.3	3.3	309	35,070	10.21	3.31	1	(Z)	2.3	0.3	2.3	400	40	1.33
Colorado, total	40,672	9,633	3.6	100.0	100.0	100.0	218	3,930,657	9.30	4.28	67	(Z)	100.0	100.0	100.0	1,598	5,680	5.68
Commercial farms	31,597	8,981	3.8	93.2	97.7	98.3	216	3,869,000	9.32	4.31	66	(Z)	98.5	99.4	99.5	1,596	5,655	5.68
Class I	2,665	1,456	7.5	15.1	33.9	30.4	243	1,300,026	10.14	4.18	25	(Z)	37.3	22.5	22.5	1,600	1,010	4.49
Class II	6,150	2,531	4.6	26.3	31.4	32.0	214	1,274,673	9.44	4.41	15	(Z)	22.4	40.1	33.5	1,910	1,845	5.51
Class III	8,049	2,543	3.3	26.4	19.4	21.6	196	795,064	8.72	4.46	...	...	...	...	...	...	...	...
Class IV	7,010	1,452	1.9	15.1	8.3	8.6	210	314,010	8.64	4.11	11	(Z)	16.4	2.4	11.0	345	145	1.32
Class V	5,295	716	1.5	7.4	3.2	3.8	185	128,111	7.97	4.31	15	(Z)	22.4	34.4	32.5	1,692	2,655	8.17
Class VI	2,428	283	1.7	2.9	1.5	2.0	167	57,116	6.91	4.14	...	...	...	...	...	...	...	...
Other farms	9,075	652	1.1	6.8	2.3	1.7	287	61,657	8.51	2.97	1	(Z)	1.5	0.6	0.5	2,000	25	5.00
Area 1	3,177	337	1.3	100.0	100.0	100.0	167	79,604	7.02	4.21	...	...	...	...	...	...	...	...
Commercial farms	2,543	301	1.3	89.3	97.7	96.1	169	77,745	7.14	4.21	...	...	...	...	...	...	...	...
Class I	240	34	0.9	10.1	14.9	19.0	131	11,511	5.36	4.08	...	...	...	...	...	...	...	...
Class II	463	51	1.0	15.1	23.4	21.5	181	21,274	8.71	4.81	...	...	...	...	...	...	...	...
Class III	671	115	2.0	34.1	34.4	34.6	166	26,511	6.75	4.08	...	...	...	...	...	...	...	...
Class IV	543	65	1.7	19.3	18.4	17.0	181	13,084	6.80	3.76	...	...	...	...	...	...	...	...
Class V	454	30	0.7	8.9	5.4	3.5	258	4,509	11.42	4.42	...	...	...	...	...	...	...	...
Class VI	172	6	0.3	1.8	1.2	0.5	367	856	14.27	3.89	...	...	...	...	...	...	...	...
Other farms	634	36	1.7	10.7	2.3	3.9	100	1,859	4.24	4.22	...	...	...	...	...	...	...	...
Area 2s	7,291	2,376	8.8	100.0	100.0	100.0	249	620,305	10.02	4.03	...	...	...	...	...	...	...	...
Commercial farms	5,015	1,975	9.2	83.1	91.6	95.0	240	587,550	9.99	4.16	...	...	...	...	...	...	...	...
Class I	186	120	11.4	5.1	15.4	14.8	259	100,206	10.95	4.22	...	...	...	...	...	...	...	...
Class II	794	423	9.8	17.8	28.1	29.6	236	192,559	10.49	4.44	...	...	...	...	...	...	...	...
Class III	1,256	567	9.0	23.9	24.2	24.8	243	147,925	9.64	3.97	...	...	...	...	...	...	...	...
Class IV	1,271	480	8.9	20.2	15.0	16.1	232	91,238	9.15	3.94	...	...	...	...	...	...	...	...
Class V	1,003	269	6.2	11.3	6.2	6.3	243	40,122	10.21	4.20	...	...	...	...	...	...	...	...
Class VI	505	116	7.7	4.9	2.7	3.3	202	15,500	7.60	3.76	...	...	...	...	...	...	...	...
Other farms	2,276	401	5.0	16.9	8.4	5.0	415	32,755	10.53	2.54	...	...	...	...	...	...	...	...
Area 2b	2,567	538	6.3	100.0	100.0	100.0	276	410,597	11.26	4.08	21	0.1	100.0	100.0	100.0	1,766	4,385	6.75
Commercial farms	1,914	528	6.5	98.1	100.0	99.8	276	410,307	11.27	4.08	21	0.1	100.0	100.0	100.0	1,766	4,385	6.75
Class I	250	154	10.2	28.6	58.3	55.5	290	244,774	12.08	4.17	...	...	...	...	...	...	...	...
Class II	423	198	6.8	36.8	26.2	26.3	275	106,861	11.12	4.05	10	0.2	47.6	54.9	50.0	1,938	1,830	5.63
Class III	452	113	4.0	21.0	11.6	11.9	268	43,117	9.91	3.70	...	...	...	...	...	...	...	...
Class IV	319	43	3.0	8.0	3.1	4.9	174	12,975	7.30	4.19	1	(Z)	4.8	0.7	3.1	400	20	1.00
Class V	294	15	1.2	2.8	0.8	1.1	197	2,555	6.47	3.28	10	0.9	47.6	44.4	46.9	1,672	2,535	8.31
Class VI	176	5	0.1	0.9	(Z)	0.1	100	25	1.25	1.25	...	...	...	...	...	...	...	...
Other farms	653	10	0.3	1.9	(Z)	0.2	62	290	4.46	7.25	...	...	...	...	...	...	...	...
Area 3	9,669	4,271	9.4	100.0	100.0	100.0	208	2,080,931	9.30	4.46	5	(Z)	100.0	100.0	100.0	4,000	50	10.00
Commercial farms	8,406	4,199	9.6	98.3	99.1	99.0	209	2,065,111	9.32	4.47	5	(Z)	100.0	100.0	100.0	4,000	50	10.00
Class I	1,205	921	17.8	21.6	36.2	35.5	213	732,754	9.23	4.34	5	(Z)	100.0	100.0	100.0	4,000	50	10.00
Class II	2,165	1,366	10.7	32.0	34.4	33.5	214	722,409	9.64	4.51	...	...	...	...	...	...	...	...
Class III	2,204	1,159	7.2	27.1	18.5	19.0	203	406,347	9.58	4.71	...	...	...	...	...	...	...	...
Class IV	1,449	459	4.4	10.7	6.7	6.5	214	134,372	9.23	4.32	...	...	...	...	...	...	...	...
Class V	965	209	3.2	4.9	2.3	2.7	174	46,554	7.70	4.43	...	...	...	...	...	...	...	...
Class VI	418	85	7.0	2.0	1.1	1.9	126	22,675	5.39	4.29	...	...	...	...	...	...	...	...
Other farms	1,263	72	3.3	1.7	0.9	1.0	191	15,820	7.07	3.70	...	...	...	...	...	...	...	...
Areas 4 and A	10,876	1,160	1.1	100.0	100.0	100.0	158	344,526	6.39	4.05	41	(Z)	100.0	100.0	100.0	1,246	1,245	3.61
Commercial farms	8,875	1,108	1.1	95.5	99.0	98.4	159	341,408	6.44	4.05	40	(Z)	97.6	97.7	98.6	1,235	1,220	3.59
Class I	500	139	1.3	12.0	33.8	12.6	424	91,932	13.54	3.19	20	(Z)	48.8	79.1	63.8	1,545	960	4.36
Class II	1,551	265	1.5	22.8	29.5	37.7	124	113,637	5.60	4.53	5	(Z)	12.2	2.3	2.9	1,000	15	1.50
Class III	2,459	351	1.2	30.3	20.2	30.4	105	80,967	4.94	4.70	...	...	...	...	...	...	...	...
Class IV	2,136	214	0.5	18.4	8.5	8.7	155	29,721	6.36	4.09	10	(Z)	24.4	7.0	26.1	333	125	1.39
Class V	1,599	104	0.7	9.0	4.1	6.8	96	13,916	3.78	3.95	5	(Z)	12.2	9.3	5.8	2,000	120	6.00
Class VI	630	35	0.5	3.0	2.8	2.2	198	11,235	9.44	4.76	...	...	...	...	...	...	...	...
Other farms	2,001	52	0.4	4.5	1.0	1.6	100	3,118	3.64	3.63	1	(Z)	2.4	2.3	1.4	2,000	25	5.00

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Colorado—Continued																		
Area 5	7,092	951	1.8	100.0	100.0	100.0	267	394,694	11.24	4.20	...	...	...	...	...	...	...	...
Commercial farms	4,844	870	2.0	91.5	97.6	98.5	265	386,879	11.19	4.22	...	...	...	...	...	...	...	...
Class I	284	88	4.5	9.3	30.3	30.0	270	118,849	11.27	4.18	...	...	...	...	...	...	...	...
Class II	754	228	2.9	24.0	31.2	26.9	310	117,933	12.51	4.03	...	...	...	...	...	...	...	...
Class III	1,007	238	2.3	25.0	20.8	25.0	222	90,197	10.28	4.62	...	...	...	...	...	...	...	...
Class IV	1,292	191	0.8	20.1	8.9	9.8	242	32,620	9.46	3.90	...	...	...	...	...	...	...	...
Class V	980	89	0.7	9.4	4.6	4.6	264	20,455	12.55	4.76	...	...	...	...	...	...	...	...
Class VI	527	36	0.6	3.8	1.9	2.1	240	6,825	9.10	3.79	...	...	...	...	...	...	...	...
Other farms	2,248	81	0.2	8.5	2.4	1.5	419	7,815	14.61	3.49	...	...	...	...	...	...	...	...
Connecticut, total	12,754	6,009	31.9	100.0	100.0	100.0	884	4,287,141	28.34	3.21	2,956	8.3	100.0	100.0	100.0	2,173	330,249	8.39
Commercial farms	7,761	4,545	35.7	75.6	96.8	95.3	897	4,169,205	28.92	3.22	2,406	8.9	81.4	91.0	91.2	2,168	302,613	8.42
Class I	1,067	696	53.0	11.6	51.0	36.0	1,253	2,216,361	40.76	3.25	463	11.9	15.7	29.5	31.0	2,066	100,835	8.26
Class II	2,285	1,499	36.5	24.9	27.0	35.7	670	1,126,946	20.90	3.12	914	9.6	30.9	36.8	36.2	2,207	117,268	8.22
Class III	1,749	1,073	26.6	17.9	11.1	14.4	683	503,376	23.18	3.40	512	7.1	17.3	13.5	14.7	1,991	45,283	7.81
Class IV	1,346	711	22.3	11.8	4.6	5.6	730	193,702	22.88	3.13	291	5.1	9.8	5.7	4.9	2,524	20,322	10.55
Class V	953	431	18.4	7.2	2.6	3.0	750	109,155	23.83	3.18	186	6.1	6.3	4.9	3.9	2,739	16,385	10.71
Class VI	361	135	13.2	2.2	0.5	0.7	587	19,665	18.21	3.10	40	2.4	1.4	0.7	0.5	3,026	2,520	12.92
Other farms	4,993	1,464	10.0	24.4	3.2	4.7	607	117,936	16.60	2.73	550	4.9	18.6	9.0	8.8	2,226	27,636	7.98
Areas 1 and A	2,722	1,250	28.5	100.0	100.0	100.0	438	460,461	11.85	2.71	730	7.4	100.0	100.0	100.0	2,355	78,435	7.73
Commercial farms	1,545	1,010	32.7	80.8	96.3	96.4	437	444,356	11.86	2.71	590	7.3	80.8	83.5	82.3	2,388	64,575	7.73
Class I	159	128	46.9	10.2	30.0	26.9	488	125,585	12.02	2.46	102	10.6	14.0	24.5	23.4	2,473	18,550	7.83
Class II	549	404	34.7	32.3	45.6	46.0	434	214,293	12.01	2.77	256	8.1	35.1	40.7	41.3	2,317	29,645	7.07
Class III	358	207	24.3	16.6	11.1	14.8	329	59,471	10.38	3.16	101	4.1	13.8	8.3	9.5	2,052	7,613	7.89
Class IV	236	126	16.3	10.1	3.9	3.4	506	16,557	12.58	2.49	61	4.8	8.4	5.3	3.8	3,292	4,422	11.43
Class V	167	100	22.2	8.0	4.0	3.5	500	19,185	13.95	2.79	55	4.8	7.5	2.6	3.0	2,100	2,255	7.52
Class VI	76	45	26.7	3.6	1.7	1.9	397	9,265	12.61	3.17	15	4.9	2.1	2.0	1.3	3,556	2,090	15.48
Other farms	1,177	240	6.3	19.2	3.7	3.6	451	16,105	11.63	2.58	140	8.2	19.2	16.5	17.7	2,201	13,860	7.72
Areas B and C	4,259	2,614	44.0	100.0	100.0	100.0	1,319	3,015,471	45.55	3.45	1,167	11.3	100.0	100.0	100.0	1,804	126,185	7.39
Commercial farms	2,803	2,023	46.9	77.4	98.0	96.5	1,339	2,962,216	46.39	3.46	981	12.0	84.1	94.4	95.5	1,783	120,555	7.39
Class I	443	358	62.2	13.7	60.1	45.1	1,757	1,777,826	59.54	3.39	216	13.4	18.5	36.8	37.7	1,758	46,820	7.26
Class II	730	600	43.7	23.0	20.7	28.7	948	633,480	33.31	3.51	325	12.8	27.8	32.2	32.7	1,776	42,200	7.56
Class III	610	470	39.8	18.0	10.7	14.0	1,010	346,905	37.56	3.72	235	13.9	20.1	18.1	18.9	1,724	21,835	6.76
Class IV	495	350	34.8	13.4	4.1	5.9	915	128,685	32.83	3.59	135	5.6	11.6	4.3	3.7	2,112	6,085	9.74
Class V	380	170	19.4	6.5	2.1	2.3	1,244	67,100	44.58	3.58	55	5.1	4.7	2.9	2.3	2,253	3,395	8.59
Class VI	145	75	13.5	2.9	0.3	0.5	761	8,220	26.52	3.48	15	1.5	1.3	0.2	0.2	1,714	220	6.29
Other farms	1,456	591	16.2	22.6	2.0	3.5	761	53,255	22.69	2.98	186	5.3	15.9	5.6	4.5	2,248	5,630	7.36
Area 2	5,773	2,145	24.6	100.0	100.0	100.0	635	811,209	17.55	2.76	1,059	6.5	100.0	100.0	100.0	2,541	125,629	10.33
Commercial farms	3,413	1,512	28.0	70.5	93.5	92.7	641	762,633	17.80	2.78	835	7.4	78.8	93.4	92.6	2,563	117,483	10.43
Class I	465	210	43.6	9.8	36.0	30.4	752	312,950	22.24	2.96	145	10.5	13.7	26.0	27.9	2,366	35,465	10.45
Class II	1,006	495	32.2	23.1	35.2	36.9	606	279,173	16.37	2.70	333	8.5	31.4	38.3	36.9	2,639	45,423	10.13
Class III	781	396	19.3	18.5	12.3	14.6	536	97,000	14.37	2.68	176	4.6	16.6	12.9	13.2	2,492	15,835	9.87
Class IV	615	235	17.4	11.0	6.6	7.0	598	48,460	15.00	2.51	95	4.9	9.0	7.3	7.5	2,481	9,815	10.73
Class V	406	161	15.5	7.5	3.0	3.7	514	22,870	13.45	2.62	76	7.6	7.2	8.6	6.9	3,198	10,735	12.86
Class VI	140	15	1.1	0.7	0.4	0.1	3,029	2,180	62.29	2.06	10	0.8	0.9	0.2	0.2	2,000	210	8.40
Other farms	2,360	633	9.7	29.5	6.5	7.3	565	48,576	14.41	2.55	224	2.6	21.2	6.6	7.4	2,259	8,146	9.02
Delaware, total (Areas 1 and A)	6,291	4,884	61.2	100.0	100.0	100.0	475	3,907,116	12.36	2.60	1,505	9.4	100.0	100.0	100.0	1,595	309,107	6.34
Commercial farms	5,005	4,063	62.0	83.2	97.1	96.3	479	3,788,406	12.45	2.60	1,345	9.6	89.4	96.9	96.3	1,605	298,547	6.36
Class I	676	504	69.5	10.3	38.4	27.4	666	1,469,744	16.97	2.55	197	12.1	13.1	30.2	31.0	1,558	88,560	5.87
Class II	1,289	979	63.3	20.0	24.5	28.1	415	981,067	11.06	2.67	378	8.4	25.1	23.0	24.1	1,518	72,737	6.18
Class III	1,050	895	58.8	18.3	19.1	20.5	443	733,895	11.34	2.56	325	10.4	21.6	26.4	23.5	1,790	81,660	7.12
Class IV	910	805	58.7	16.5	9.2	12.3	356	371,325	9.56	2.69	250	8.3	16.6	11.3	11.3	1,595	34,625	6.27
Class V	740	615	52.6	12.6	4.6	6.3	349	183,670	9.25	2.65	155	6.2	10.3	4.8	4.8	1,601	17,360	7.37
Class VI	340	265	46.4	5.4	1.3	1.7	346	48,705	8.88	2.57	40	6.2	2.7	1.1	1.5	1,143	3,605	4.90
Other farms	1,286	821	45.4	16.8	2.9	3.7	371	118,710	10.07	2.72	160	6.9	10.6	3.1	3.7	1,352	10,560	5.85
Florida, total	57,490	43,516	51.2	100.0	100.0	100.0	912	51,854,514	22.36	2.45	7,486	10.2	100.0	100.0	100.0	1,578	2,882,839	6.25
Commercial farms	32,188	28,429	53.9	65.3	95.2	92.6	938	49,549,535	23.09	2.46	6,095	10.8	81.4	94.4	93.2	1,598	2,717,065	6.32
Class I	3,192	2,745	62.8	6.3	55.9	43.9	1,163	29,696,813	29.21	2.51	1,188	16.0	15.9	59.4	56.3	1,664	1,675,805	6.45
Class II	4,189	3,795	54.0	8.7	14.5	13.4	986	7,642,937	24.64	2.50	1,279	10.8	17.1	14.6	13.5	1,705	419,645	6.75
Class III	5,743	5,144	46.8	11.8	10.1	13.0	709	5,088,632	16.83	2.38	1,280	7.9	17.1	9.8	11.0	1,404	289,507	5.70
Class IV	7,605	6,907	46.2	15.9	8.2	11.4	652	4,023,499	15.19	2.33	1,243	5.2	16.6	6.2	6.5	1,511	188,165	6.28
Class V	7,709	6,812	46.5	15.7	5.2	8.2	575	2,481,297	13.04	2.27	847	5.5	11.3	3.5	4.8	1,132	113,645	5.09
Class VI	3,750	3,026	39.3	7.0	1.4	2.7	469	616,357	9.95	2.12	258	3.1	3.4	0.9	1.1	1,392	30,298	6.17
Other farms	25,302	15,087	31.2	34.7	4.8	7.4	582	2,304,979	13.37	2.30	1,391	5.7	18.6	5.6	6.8	1,300	165,774	5.29
Area 1	7,064	5,110	65.7	100.0	100.0	100.0	461	1,811,135	8.96	1.94	537	4.5	100.0	100.0	100.0	1,567	81,052	5.80
Commercial farms	2,433	2,238	75.1	43.8	85.3	83.6	470	1,555,010	9.20	1.96	402	4.9	74.9	84.4	78.4	1,686	69,034	6.30
Class I	36	35	73.8	0.7	8.7	7.7	523	158,800	10.23	1.95	19	7.1	3.5	11.7	10.6	1,728	8,593	5.75
Class II	146	131	77.1	2.6	13.0	10.5	569	223,856	10.53	1.85	46	7.8	8.6	17.2	15.4	1,745	14,275	6.62
Class III	303	264	82.0	5.2	19.0	17.5	499	336,979	9.50	1.90	90	6.6	16.8	21.6	20.5	1,652	18,544	6.48
Class IV	622	593	77.0	11.6	24.1	24.2	460	449,726	9.20	2.00	110	3.3	20.5	16.4	14.9	1,714	13,720	6.57
Class V	787	742	76.2	14.5	15.5	17.4	411	299,718	8.50	2.07	96	4.0	17.9	14.4	13.1	1,712	11,192	6.10
Class VI	539	473	53.9	9.3	4.9	6.3	360	85,931	6.80	1.89	41	2.3	7.6	3.2	3.8	1,307	2,710	5.07
Other farms	4,631	2,872	40.1	56.2	14.7	16.4	414	256,125	7.73	1.87	135	3.7	25.1	15.6	21.6	1,134	12,018	3.99
Areas 2 and A	3,495	2,144	37.7	100.0	100.0	100.0	896	2,199,264	20.54	2.29	382	9.2	100.0	100.0	100.0	1,767	157,972	6.08
Commercial farms	1,829	1,342	39.3	62.6	95.2	90.3	945	2,099,462	21.71	2.30	316	9.6	82.7	90.3	90.9	1,754	144,554	6.11
Class I	261	177	47.9	8.3	58.2	38.0	1,372	1,303,807	32.07	2.34	95	15.2	24.9	53.2	49.7	1,892	88,412	6.84
Class II	193	142	45.7	6.6	10.2	12.4	735	234,658	17.69	2.41	56	12.5	14.7	15.2	13.9	1,925	19,609	5.42
Class III	354	285	34.8	13.3	13.0	16.7	698	268,033	15.00	2.15	33	1.1	8.6	2.8	2.2	2,281	3,616	6.36
Class IV	398	307	33.8	14.3	8.6	12.4	621	173,628	13.13	2.11	58	11.9	15.2	11.4	17.9	1,130	16,761	3.60
Class V	388	271	30.8	12.6	3.5	8.2	385	76,543	8.73	2.27	59	6.1	15.4	7.1	6.7	1,865	15,296	8.77
Class VI	235	160	22.5	7.5	1.8	2.7	608	42,793	14.69	2.42	15	1.0	3.9	0.5	0.5	1,852	860	6.37
Other farms	1,666	802	27.1	37.4	4.8	9.7	440	99,802	9.63	2.19	66	6.2	17.3	9.7	9.1	1,900	13,418	5.70

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Florida—Continued																		
Area 3	15,128	11,927	41.3	100.0	100.0	100.0	448	5,987,089	10.61	2.37	816	2.5	100.0	100.0	100.0	1,380	155,464	4.51
Commercial farms	9,186	8,534	43.4	71.6	93.6	92.2	454	5,655,994	10.87	2.39	688	2.6	84.3	86.4	88.9	1,341	133,261	4.35
Class I	246	210	52.5	1.8	23.8	17.3	616	1,767,670	18.10	2.94	60	5.1	7.4	27.7	27.6	1,384	43,096	4.52
Class II	593	579	41.3	4.9	15.6	14.1	497	939,998	11.85	2.39	119	3.2	14.6	16.2	18.0	1,241	24,087	3.88
Class III	1,597	1,505	41.5	12.6	20.0	20.6	434	1,129,813	9.71	2.24	193	2.5	23.7	21.2	20.1	1,458	33,261	4.81
Class IV	2,360	2,283	39.5	19.1	17.0	19.0	400	926,500	8.66	2.16	144	1.2	17.6	9.7	9.7	1,384	16,118	4.83
Class V	2,755	2,591	45.1	21.7	12.5	15.0	373	661,326	7.80	2.09	124	1.7	15.2	6.9	9.1	1,054	12,313	3.94
Class VI	1,635	1,366	42.4	11.5	4.7	6.2	336	230,687	6.56	1.95	48	1.8	5.9	4.6	4.4	1,438	4,386	2.87
Other farms	5,942	3,393	26.3	28.4	6.4	7.8	370	331,095	7.54	2.04	128	2.3	15.7	13.6	11.1	1,693	22,203	5.81
Area 4	3,708	2,923	62.2	100.0	100.0	100.0	957	4,341,046	23.87	2.49	610	15.6	100.0	100.0	100.0	1,410	271,128	5.95
Commercial farms	2,099	1,873	63.5	64.1	95.9	93.3	984	4,160,542	24.52	2.49	483	15.4	79.2	90.4	90.1	1,415	243,455	5.93
Class I	191	171	59.8	5.9	55.8	56.0	954	2,428,917	23.86	2.50	70	15.0	11.5	60.6	55.9	1,528	154,036	6.04
Class II	349	335	74.9	11.5	17.8	17.0	999	762,295	24.60	2.46	98	11.8	16.1	14.6	10.7	1,914	39,213	8.02
Class III	374	349	63.2	11.9	10.2	9.5	1,036	443,999	25.83	2.49	107	25.6	17.5	8.8	15.3	815	29,232	4.19
Class IV	484	436	79.2	14.9	6.9	6.4	1,022	291,140	24.93	2.44	89	16.7	14.6	3.5	5.4	927	11,750	4.78
Class V	557	475	61.8	16.3	4.7	3.8	1,169	208,437	29.83	2.55	109	10.6	17.9	2.7	2.6	1,458	8,699	7.23
Class VI	144	107	43.0	3.7	0.6	0.6	885	25,754	23.78	2.69	10	2.0	1.6	0.1	0.1	1,400	525	10.50
Other farms	1,609	1,050	48.4	35.9	4.1	6.7	586	180,504	14.88	2.54	127	18.1	20.8	9.6	9.9	1,365	27,673	6.12
Areas 5 and B	22,743	17,601	56.4	100.0	100.0	100.0	1,268	26,028,729	31.25	2.47	4,463	18.2	100.0	100.0	100.0	1,639	1,771,923	6.60
Commercial farms	13,584	11,937	58.7	67.8	95.8	93.0	1,306	24,971,541	32.24	2.47	3,678	19.4	82.4	96.5	95.3	1,659	1,699,036	6.64
Class I	1,700	1,489	65.9	8.5	58.2	54.1	1,364	15,103,483	33.53	2.46	760	24.0	17.0	63.6	61.1	1,706	1,066,303	6.51
Class II	2,369	2,197	63.1	12.5	16.8	15.0	1,425	4,481,040	35.92	2.52	877	19.8	19.7	15.2	14.6	1,699	279,779	7.13
Class III	2,655	2,350	50.2	13.4	8.9	10.2	1,100	2,356,915	27.70	2.52	777	14.4	17.4	8.8	9.1	1,583	170,772	6.98
Class IV	3,179	2,835	46.2	16.1	7.1	8.0	1,121	1,847,955	27.69	2.47	738	9.6	16.5	5.8	5.2	1,855	111,910	8.10
Class V	2,680	2,309	41.7	13.1	4.0	4.8	1,059	991,988	24.63	2.33	404	13.1	9.1	2.6	4.7	907	58,287	4.63
Class VI	1,001	757	26.0	4.3	0.8	0.9	1,143	190,160	26.48	2.32	122	6.0	2.7	0.5	0.6	1,343	11,985	7.22
Other farms	9,159	5,664	36.9	32.2	4.2	7.0	756	1,057,188	18.11	2.40	785	8.0	17.6	3.5	4.7	1,223	72,887	5.79
Areas 6 and C	5,352	3,811	53.6	100.0	100.0	100.0	1,027	11,487,251	26.67	2.60	678	9.1	100.0	100.0	100.0	1,486	445,300	6.12
Commercial farms	3,057	2,505	57.6	65.7	96.7	96.6	1,028	11,106,986	26.68	2.60	528	9.4	77.9	95.6	93.1	1,525	427,725	6.31
Class I	758	663	65.6	17.4	78.3	72.1	1,115	8,934,136	28.75	2.58	184	9.8	27.1	67.7	63.6	1,583	315,365	6.82
Class II	539	411	47.0	10.8	8.1	9.4	884	1,001,090	24.68	2.79	83	7.0	12.2	10.6	8.3	1,914	42,682	7.11
Class III	460	391	40.7	10.3	5.0	7.1	728	552,893	18.18	2.50	80	12.1	11.8	10.1	12.5	1,204	34,082	3.76
Class IV	562	453	42.3	11.9	2.8	4.0	716	334,550	19.22	2.69	104	8.8	15.3	3.6	4.9	1,079	17,906	4.97
Class V	542	424	36.7	11.1	2.0	3.3	640	243,285	17.18	2.69	55	4.7	8.1	2.2	2.5	1,323	7,858	4.33
Class VI	196	163	36.0	4.3	0.4	0.7	581	41,032	13.82	2.38	22	12.2	3.2	1.3	1.4	1,387	9,832	9.78
Other farms	2,295	1,306	17.8	34.3	3.3	3.4	1,013	380,265	26.22	2.59	150	6.2	22.1	4.4	6.9	956	17,575	3.49
Georgia, total	165,465	135,581	63.9	100.0	100.0	100.0	398	54,658,816	8.77	2.20	14,967	3.8	100.0	100.0	100.0	1,525	1,657,651	4.52
Commercial farms	101,867	94,536	68.5	69.7	91.7	90.9	402	50,202,328	8.87	2.21	11,750	4.0	78.5	88.2	89.0	1,512	1,473,367	4.51
Class I	1,719	1,463	67.9	1.1	10.3	9.2	446	5,639,609	9.86	2.21	534	5.6	3.6	13.3	12.9	1,570	221,271	4.66
Class II	6,523	5,751	65.9	4.2	15.2	14.2	424	8,415,435	9.49	2.24	1,846	5.7	12.3	21.7	20.8	1,589	350,295	4.58
Class III	14,389	13,192	70.9	9.7	19.1	18.5	410	10,488,155	9.09	2.22	2,722	4.5	18.2	20.6	20.0	1,565	352,298	4.79
Class IV	26,601	24,964	73.2	18.4	23.3	23.1	401	12,619,270	8.77	2.19	3,192	3.5	21.3	16.7	18.5	1,374	292,260	4.31
Class V	31,132	29,265	67.8	21.6	17.1	18.1	376	9,421,811	8.33	2.22	2,224	2.6	14.9	11.0	11.8	1,428	179,517	4.15
Class VI	21,503	19,901	59.1	14.7	6.8	7.7	351	3,618,048	7.55	2.15	1,232	2.2	8.2	5.0	4.9	1,545	77,726	4.33
Other farms	63,598	41,045	38.2	30.3	8.3	9.1	362	4,456,488	7.82	2.16	3,217	2.7	21.5	11.8	11.0	1,629	184,284	4.57
Areas 1 and A	12,704	9,233	46.0	100.0	100.0	100.0	384	1,954,025	7.94	2.07	1,415	4.4	100.0	100.0	100.0	2,467	124,368	5.25
Commercial farms	5,584	5,065	51.8	54.9	83.4	81.6	393	1,623,497	8.09	2.06	909	5.0	64.2	80.3	81.7	2,425	99,540	5.14
Class I	109	81	61.9	0.9	8.9	8.4	408	168,424	8.16	2.00	45	8.8	3.2	12.2	12.5	2,410	14,679	4.97
Class II	558	468	52.5	5.1	13.4	13.1	393	255,221	7.91	2.01	213	10.2	15.1	25.4	26.4	2,381	29,973	4.80
Class III	677	560	52.9	6.1	15.2	13.8	423	309,132	9.11	2.15	119	3.7	8.4	10.3	10.0	2,520	11,224	4.71
Class IV	1,105	1,019	57.2	11.0	17.2	16.3	407	325,790	8.15	2.00	169	3.6	11.9	10.0	10.7	2,290	14,475	5.70
Class V	1,683	1,595	49.2	17.3	18.9	19.3	376	379,545	7.98	2.12	207	3.8	14.6	15.7	15.6	2,477	19,484	5.26
Class VI	1,452	1,342	42.5	14.5	9.7	10.7	348	185,385	7.03	2.02	156	2.5	11.0	6.8	6.5	2,583	9,705	6.30
Other farms	7,120	4,168	30.7	45.1	16.6	18.4	345	330,528	7.29	2.11	506	2.9	35.8	19.7	18.3	2,654	24,828	5.72
Area 2	8,636	6,778	46.9	100.0	100.0	100.0	391	689,877	8.64	2.21	950	6.3	100.0	100.0	100.0	2,179	54,459	5.10
Commercial farms	3,574	2,971	50.9	43.8	63.7	64.1	388	447,428	8.74	2.25	619	8.1	65.2	76.6	76.4	2,183	40,705	4.98
Class I	110	89	40.4	1.3	2.4	2.4	391	19,658	10.15	2.59	18	5.5	1.9	2.4	2.5	2,068	1,872	7.04
Class II	569	463	43.8	6.8	9.5	9.1	407	66,065	9.05	2.22	103	7.1	10.8	13.3	11.1	2,597	5,945	5.00
Class III	824	664	47.0	9.8	13.9	13.5	401	98,509	9.11	2.27	148	10.5	15.6	19.6	22.7	1,886	10,490	4.33
Class IV	688	502	53.1	7.4	13.8	14.2	378	100,906	8.88	2.35	103	6.9	10.8	8.2	13.9	1,293	4,183	2.82
Class V	507	422	57.3	6.2	9.8	10.0	384	70,275	8.77	2.29	82	7.2	8.6	13.8	9.4	3,193	7,295	7.25
Class VI	876	831	56.5	12.3	14.3	14.8	379	92,015	7.81	2.06	165	8.6	17.4	19.3	16.8	2,494	10,920	6.07
Other farms	5,062	3,807	41.2	56.2	36.3	35.9	397	242,449	8.47	2.13	331	3.6	34.8	23.4	23.6	2,167	13,754	5.46
Areas 3 and B	28,582	20,688	47.1	100.0	100.0	100.0	394	3,714,270	8.66	2.20	1,844	4.1	100.0	100.0	100.0	1,406	158,937	4.22
Commercial farms	12,833	10,598	54.2	51.2	74.9	73.6	401	2,765,704	8.76	2.19	1,174	5.1	63.7	78.5	78.7	1,403	126,637	4.28
Class I	399	236	55.5	1.1	4.9	4.3	451	171,363	9.39	2.08	55	8.8	3.0	8.4	7.7	1,529	9,560	3.31
Class II	1,409	1,047	48.8	5.1	7.4	8.2	356	260,745	7.43	2.09	188	8.3	10.2	11.6	15.9	1,029	18,769	3.13
Class III	2,193	1,682	51.4	8.1	13.6	12.5	427	504,542	9.43	2.20	323	8.8	17.5	27.0	24.3	1,559	46,385	5.06
Class IV	2,168	1,638	49.8	7.9	13.8	13.1	413	511,057	9.08	2.20	211	4.1	11.4	10.6	12.3	1,220	16,643	3.61
Class V	3,349	2,930	59.9	14.2	21.4	21.2	399	808,282	8.90	2.23	252	2.7	13.7	13.2	11.1	1,677	24,185	5.81
Class VI	3,315	3,065	51.9	14.8	13.9	14.4	380	509,715	8.27	2.17	145	2.4	7.9	7.7	7.4	1,455	11,095	3.98
Other farms	15,749	10,090	34.6	48.8	25.1	26.4	373	948,566	8.36	2.24	670	2.4	36.3	21.5	21.3	1,418	32,300	4.02
Area 4a	21,003	17,140	57.4	100.0	100.0	100.0	414	5,684,999	8.93	2.16	2,146	5.2	100.0	100.0	100.0	1,473	257,650	4.43
Commercial farms	11,713	11,008	63.8	64.2	87.1	85.7	420	4,946,216	9.07	2.16	1,440	5.4	67.1	80.2	79.8	1,480	206,375	4.45
Class I	172	170	65.6	1.0	8.9	7.9	469	465,258	9.29	1.98	72	6.7	3.4	10.3	8.7	1,729	25,306	4.98
Class II	580	533	66.1	3.1	14.2	14.5	407	825,709	8.96	2.20	259	8.7	12.1	23.5	20.9	1,652	58,006	4.77
Class III	891	795	62.7	4.6	12.4	12.8	400	727,568	8.91	2.23	286	7.6	13.3	16.5	16.9	1,435	40,832	4.14
Class IV	2,016	1,828	60.8	10.7	17.6	16.9	432	1,014,539	9.45	2.19	342	5.4	15.9	15.4	16.4	1,384	43,155	4.53
Class V	4,497	4,261	66.7	24.9	23.9	23.4	422	1,338,992	8.97	2.13	345	3.7	16.1	12.4	14.2	1,288	33,956	4.11
Class VI	3,557	3,421	60.0	20.0	10.0	10.2	405	574,150	8.82	2.18	136	1.4	6.3	2.1	2.6	1,213	5,120	3.41
Other farms	9,290	6,132	35.8	35.8	12.9	14.3	373	738,783	8.11	2.17	706	4.6	32.9	19.8	20.2	1,442	51,275	4.36

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Georgia—Continued																		
Area 4b	11,830	9,275	44.1	100.0	100.0	100.0	342	2,337,914	7.40	2.16	1,329	5.2	100.0	100.0	100.0	1,303	147,405	3.94
Commercial farms	5,331	4,864	47.9	52.4	79.9	78.5	348	1,876,889	7.56	2.17	986	6.4	74.2	87.9	88.1	1,300	127,245	3.86
Class I	68	55	55.1	0.6	8.9	7.7	394	203,456	8.34	2.12	37	10.8	2.8	12.1	12.8	1,227	18,143	3.78
Class II	416	351	43.3	3.8	14.1	13.1	368	326,217	7.85	2.13	171	7.3	12.9	19.1	18.7	1,330	27,967	4.01
Class III	519	430	44.0	4.6	11.3	11.4	337	266,808	7.38	2.19	236	7.4	17.8	22.1	16.2	1,779	31,697	5.24
Class IV	763	704	46.4	7.6	15.6	13.7	389	363,679	8.41	2.16	203	6.5	15.3	15.6	16.2	1,258	23,509	3.89
Class V	1,394	1,246	48.9	13.4	16.8	17.7	325	400,934	7.16	2.20	200	5.1	15.0	11.7	15.6	978	15,279	2.62
Class VI	2,171	2,078	53.4	22.4	13.2	14.8	306	315,795	6.75	2.20	139	3.7	10.5	7.4	8.7	1,104	10,650	3.27
Other farms	6,499	4,411	34.0	47.6	20.1	21.5	320	461,025	6.79	2.12	343	2.2	25.8	12.1	11.9	1,324	20,160	4.53
Areas 5, C, and D	6,997	5,490	56.7	100.0	100.0	100.0	346	2,368,395	7.76	2.25	628	3.0	100.0	100.0	100.0	1,784	79,603	4.97
Commercial farms	3,705	3,507	62.1	63.9	88.9	87.1	353	2,122,663	7.99	2.26	512	3.1	81.5	85.8	83.5	1,833	68,645	5.13
Class I	69	62	61.2	1.1	12.1	8.2	512	303,512	12.14	2.37	29	4.9	4.6	13.4	12.4	1,920	10,925	5.49
Class II	237	196	58.7	3.6	16.9	14.9	392	389,451	8.58	2.79	68	2.6	10.8	13.8	12.5	1,961	13,223	6.60
Class III	278	266	70.0	4.8	13.9	13.5	355	335,512	8.13	2.29	79	6.2	12.6	21.2	22.7	1,667	16,541	4.56
Class IV	752	715	65.1	13.0	18.8	20.7	314	460,843	7.31	2.33	132	2.5	21.0	15.8	15.1	1,867	10,857	4.50
Class V	1,328	1,267	61.5	23.1	18.2	18.8	335	424,844	7.41	2.21	133	2.0	21.2	11.9	11.8	1,792	9,784	5.17
Class VI	1,041	1,001	55.5	18.2	9.1	11.0	285	208,501	6.20	2.18	71	2.4	11.3	9.9	9.0	1,952	7,315	5.06
Other farms	3,292	1,983	35.8	36.1	11.1	12.9	296	245,732	6.24	2.11	116	2.4	18.5	14.2	16.5	1,536	10,958	4.15
Area 6	13,558	12,168	69.1	100.0	100.0	100.0	334	6,848,888	7.65	2.29	901	1.9	100.0	100.0	100.0	1,334	110,592	4.43
Commercial farms	10,230	9,899	71.2	81.4	94.7	94.4	335	6,507,873	7.69	2.30	800	2.0	88.8	93.2	95.2	1,305	103,040	4.33
Class I	149	147	68.4	1.2	14.3	12.7	376	985,978	8.65	2.30	44	3.4	4.9	16.0	22.9	933	20,308	3.55
Class II	348	348	74.4	2.9	14.8	13.2	374	999,853	8.43	2.25	95	2.9	10.5	22.6	18.6	1,619	23,024	4.95
Class III	924	919	70.6	7.6	16.0	16.6	323	1,088,668	7.34	2.27	178	2.6	19.8	24.7	22.2	1,481	29,242	5.27
Class IV	2,441	2,384	75.7	19.6	22.5	22.7	331	1,499,767	7.38	2.23	283	1.8	31.4	18.8	19.8	1,267	18,540	3.76
Class V	4,081	3,936	68.6	32.3	20.4	21.2	321	1,503,327	7.90	2.46	130	0.7	14.4	8.5	8.1	1,395	9,016	4.44
Class VI	2,287	2,165	66.9	17.8	6.6	8.0	278	430,280	6.02	2.16	70	0.8	7.8	2.6	3.6	978	2,910	3.27
Other farms	3,328	2,269	46.4	18.6	5.3	5.6	319	341,015	6.86	2.15	101	1.1	11.2	6.8	4.8	1,904	7,552	6.35
Area 7a	8,506	7,627	67.5	100.0	100.0	100.0	387	5,499,753	8.75	2.26	818	3.7	100.0	100.0	100.0	1,469	157,012	4.56
Commercial farms	6,773	6,504	69.7	85.3	96.2	95.7	389	5,308,411	8.83	2.27	761	3.8	93.0	96.1	95.8	1,473	152,510	4.63
Class I	179	178	72.8	2.3	20.1	17.4	448	1,169,984	10.70	2.39	80	5.6	9.8	28.9	24.2	1,750	43,663	5.23
Class II	473	452	71.7	5.9	21.7	20.4	412	1,182,378	9.21	2.24	168	5.5	20.5	28.1	28.4	1,453	48,368	4.95
Class III	929	917	69.3	12.0	18.6	19.0	380	1,093,826	9.16	2.41	138	3.3	16.9	16.7	16.6	1,471	24,021	4.20
Class IV	1,907	1,871	74.8	24.5	18.5	19.6	365	945,906	7.68	2.10	205	3.6	25.1	13.0	17.1	1,113	20,171	3.42
Class V	2,104	2,017	65.9	26.4	12.4	13.8	348	657,095	7.58	2.17	129	1.6	15.8	6.4	6.2	1,508	10,432	4.85
Class VI	1,181	1,069	53.1	14.0	4.8	5.4	340	259,222	7.59	2.23	41	1.7	5.0	3.1	3.2	1,424	5,855	5.37
Other farms	1,733	1,123	39.6	14.7	3.8	4.3	343	191,342	7.06	2.06	57	2.1	7.0	3.9	4.2	1,362	4,502	3.13
Area 7b	20,207	18,001	74.7	100.0	100.0	100.0	408	11,412,508	8.53	2.09	2,366	4.2	100.0	100.0	100.0	1,434	330,334	4.41
Commercial farms	16,558	15,842	75.7	88.0	97.3	97.0	409	11,104,804	8.56	2.09	2,217	4.3	93.7	97.3	97.7	1,427	322,524	4.40
Class I	262	258	71.2	1.4	13.3	12.1	448	1,541,769	9.51	2.12	100	5.2	4.2	16.8	15.9	1,519	56,001	4.71
Class II	968	947	69.0	5.3	18.6	17.1	445	2,119,963	9.30	2.09	319	5.6	13.5	26.2	24.7	1,519	80,821	4.37
Class III	2,746	2,662	78.7	14.8	22.4	22.1	414	2,572,824	8.70	2.10	635	4.7	26.8	24.5	23.4	1,499	84,258	4.80
Class IV	5,382	5,252	80.3	29.2	25.1	25.7	398	2,883,434	8.38	2.11	674	3.5	28.5	18.5	19.8	1,340	65,734	4.43
Class V	4,945	4,724	77.6	26.2	14.3	15.8	369	1,600,455	7.56	2.05	398	3.3	16.8	9.5	12.0	1,138	30,605	3.39
Class VI	2,255	1,999	70.6	11.1	3.6	4.2	353	386,359	6.92	1.96	91	1.8	3.8	1.7	1.9	1,308	5,105	3.57
Other farms	3,649	2,159	52.9	12.0	2.7	3.0	368	307,704	7.75	2.10	149	2.3	6.3	2.7	2.3	1,720	7,810	4.57
Area 8	25,660	23,215	80.1	100.0	100.0	100.0	456	12,220,064	10.38	2.28	1,947	2.5	100.0	100.0	100.0	1,404	169,291	4.59
Commercial farms	21,502	20,572	81.4	88.6	96.4	96.3	456	11,796,327	10.41	2.28	1,830	2.5	94.0	95.9	96.1	1,401	161,836	4.57
Class I	150	144	78.0	0.6	4.5	3.5	592	528,489	12.98	2.19	40	5.1	2.1	6.8	7.2	1,326	12,306	4.65
Class II	867	857	77.0	3.7	13.6	12.4	501	1,855,381	12.72	2.54	243	3.9	12.5	23.0	20.1	1,609	35,703	4.82
Class III	3,807	3,729	83.8	16.1	25.8	25.1	467	3,079,697	10.41	2.23	477	2.6	24.5	25.2	25.3	1,401	45,615	4.89
Class IV	7,992	7,744	82.9	33.4	32.5	33.0	448	3,899,103	10.05	2.24	668	2.2	34.3	28.0	28.6	1,378	47,623	4.52
Class V	5,976	5,734	82.3	24.7	15.4	17.1	410	1,882,313	9.34	2.28	254	1.6	13.0	9.3	10.6	1,226	14,351	3.67
Class VI	2,710	2,364	72.8	10.2	4.6	5.2	408	551,344	9.03	2.21	148	1.9	7.6	3.6	4.4	1,143	6,238	3.86
Other farms	4,158	2,643	56.5	11.4	3.6	3.7	440	423,737	9.64	2.19	117	1.9	6.0	4.1	3.9	1,470	7,455	5.17
Areas 9 and E	7,782	5,966	63.8	100.0	100.0	100.0	472	1,928,123	10.71	2.27	623	4.2	100.0	100.0	100.0	1,566	68,000	5.70
Commercial farms	4,064	3,706	67.7	62.1	87.7	87.0	475	1,702,516	10.86	2.29	502	4.8	80.6	93.6	93.0	1,575	64,310	5.79
Class I	52	43	41.3	0.7	4.0	3.0	623	81,718	14.96	2.40	14	6.4	2.2	12.7	7.1	2,789	8,508	10.02
Class II	98	89	49.2	1.5	6.7	6.9	462	134,452	10.90	2.36	19	6.1	3.0	12.0	12.8	1,462	8,496	5.55
Class III	601	568	70.0	9.5	21.5	20.4	498	411,069	11.20	2.25	103	3.5	16.5	17.1	15.5	1,725	11,993	6.49
Class IV	1,387	1,307	78.7	21.9	31.9	32.7	460	614,246	10.44	2.27	202	6.7	32.4	39.5	42.1	1,469	27,370	5.45
Class V	1,268	1,133	67.0	19.0	17.9	17.7	476	355,749	11.16	2.35	94	2.7	15.1	8.0	10.6	1,178	5,130	4.06
Class VI	658	566	62.3	9.5	5.7	6.4	420	105,282	9.15	2.18	70	3.2	11.2	4.4	4.9	1,403	2,813	4.83
Other farms	3,718	2,260	45.8	37.9	12.3	13.0	448	225,607	9.67	2.16	121	1.6	19.4	6.4	7.0	1,443	3,690	4.45
Idaho, total	38,810	17,357	16.7	100.0	100.0	100.0	233	8,380,325	8.82	3.79	...	...	...	...	...	...	...	...
Commercial farms	31,282	16,361	16.9	94.3	99.1	98.8	234	8,315,520	8.86	3.79	...	...	...	...	...	...	...	...
Class I	2,319	1,669	19.8	9.6	34.0	31.8	249	2,951,261	9.77	3.93	...	...	...	...	...	...	...	...
Class II	7,220	5,158	18.3	29.7	35.9	36.1	232	3,004,339	8.76	3.78	...	...	...	...	...	...	...	...
Class III	8,735	5,121	15.6	29.5	19.4	19.9	227	1,589,234	8.41	3.71	...	...	...	...	...	...	...	...
Class IV	7,002	2,920	11.6	16.8	7.3	8.0	211	564,982	7.43	3.52	...	...	...	...	...	...	...	...
Class V	4,349	1,155	9.4	6.7	2.1	2.3	213	168,634	7.60	3.57	...	...	...	...	...	...	...	...
Class VI	1,657	338	11.6	1.9	0.5	0.7	171	37,070	5.97	3.50	...	...	...	...	...	...	...	...
Other farms	7,528	996	7.8	5.7	0.9	1.2	164	64,805	5.61	3.42	...	...	...	...	...	...	...	...
Area 1	5,978	1,646	10.3	100.0	100.0	100.0	145	503,055	5.05	3.48	...	...	...	...	...	...	...	...
Commercial farms	4,082	1,322	10.4	80.3	94.9	94.8	145	479,180	5.07	3.50	...	...	...	...	...	...	...	...
Class I	250	128	14.2	7.8	28.1	32.9	124	162,108	4.94	4.00	...	...	...	...	...	...	...	...
Class II	702	347	10.5	21.1	30.6	28.5	156	146,537	5.17	3.32	...	...	...	...	...	...	...	...
Class III	1,018	344	8.6	20.9	21.3	18.7	165	98,641	5.31	3.21	...	...	...	...	...	...	...	...
Class IV	939	242	7.0	14.7	9.0	8.2	158	40,252	4.92	3.11	...	...	...	...	...	...	...	...
Class V	737	206	7.9	12.5	4.8	4.4	158	24,697	5.62	3.55	...	...	...	...	...	...	...	...
Class VI	436	55	10.8	3.3	1.2	2.1	82	6,945	3.32	4.04	...	...	...	...	...	...	...	...
Other farms	1,896	324	9.7	19.7	5.1	5.2	142	23,875	4.60	3.23	...	...	...	...	...	...	...	...

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Idaho—Continued																		
Area 2	4,412	1,813	24.6	100.0	100.0	100.0	116	968,109	5.14	4.42	...	...	...	...	...	...	...	...
Commercial farms	2,888	1,567	25.2	86.4	98.8	98.8	116	958,514	5.15	4.43	...	...	...	...	...	...	...	...
Class I	327	258	26.2	14.2	41.0	39.2	121	398,007	5.38	4.44	...	...	...	...	...	...	...	...
Class II	745	556	28.2	30.7	38.7	39.8	113	398,074	5.30	4.70	...	...	...	...	...	...	...	...
Class III	567	339	21.5	18.7	10.8	11.5	108	92,385	4.25	3.92	...	...	...	...	...	...	...	...
Class IV	561	261	19.9	14.4	5.4	6.2	102	47,558	4.09	4.01	...	...	...	...	...	...	...	...
Class V	386	91	12.8	5.0	1.7	1.4	135	13,850	5.12	3.78	...	...	...	...	...	...	...	...
Class VI	302	62	11.3	3.4	1.3	0.6	238	8,640	7.35	3.09	...	...	...	...	...	...	...	...
Other farms	1,524	246	8.6	13.6	1.2	1.2	119	9,595	4.32	3.63	...	...	...	...	...	...	...	...
Area 3a	9,773	4,137	20.8	100.0	100.0	100.0	435	2,124,469	15.03	3.46	...	...	...	...	...	...	...	...
Commercial farms	7,917	3,962	21.5	95.8	99.4	99.1	436	2,113,369	15.09	3.46	...	...	...	...	...	...	...	...
Class I	392	305	29.4	7.4	32.5	22.6	627	706,626	22.16	3.53	...	...	...	...	...	...	...	...
Class II	1,395	1,065	27.9	25.7	34.7	34.7	434	719,268	14.67	3.38	...	...	...	...	...	...	...	...
Class III	2,189	1,336	19.8	32.3	21.7	25.7	367	475,903	13.09	3.56	...	...	...	...	...	...	...	...
Class IV	2,073	845	13.1	20.4	7.7	11.1	301	153,407	9.75	3.24	...	...	...	...	...	...	...	...
Class V	1,456	310	10.2	7.5	2.2	3.9	249	46,110	8.33	3.35	...	...	...	...	...	...	...	...
Class VI	412	101	17.1	2.4	0.5	1.1	212	12,055	7.90	3.72	...	...	...	...	...	...	...	...
Other farms	1,856	175	4.3	4.2	0.6	0.9	305	11,100	8.95	2.94	...	...	...	...	...	...	...	...
Area 3b	7,266	4,790	28.3	100.0	100.0	100.0	255	2,375,867	9.29	3.65	...	...	...	...	...	...	...	...
Commercial farms	6,633	4,685	28.6	97.8	99.8	99.6	255	2,370,902	9.30	3.65	...	...	...	...	...	...	...	...
Class I	644	540	31.6	11.3	38.3	34.5	282	944,715	10.70	3.79	...	...	...	...	...	...	...	...
Class II	1,869	1,608	30.9	33.6	36.0	35.3	260	820,321	9.09	3.50	...	...	...	...	...	...	...	...
Class III	2,095	1,543	27.0	32.2	18.1	21.4	216	435,985	7.98	3.70	...	...	...	...	...	...	...	...
Class IV	1,269	724	19.7	15.1	5.7	7.0	209	134,591	7.55	3.61	...	...	...	...	...	...	...	...
Class V	595	210	14.4	4.4	1.5	1.3	307	30,915	9.60	3.13	...	...	...	...	...	...	...	...
Class VI	161	60	17.3	1.3	0.2	0.3	206	4,375	6.43	3.12	...	...	...	...	...	...	...	...
Other farms	633	105	7.3	2.2	0.2	0.4	121	4,965	5.46	4.51	...	...	...	...	...	...	...	...
Area 4	11,381	4,971	11.1	100.0	100.0	100.0	220	2,408,825	9.10	4.13	...	...	...	...	...	...	...	...
Commercial farms	9,762	4,825	11.1	97.1	99.3	99.3	220	2,393,555	9.11	4.13	...	...	...	...	...	...	...	...
Class I	706	438	12.1	8.8	29.4	28.3	229	739,805	9.87	4.31	...	...	...	...	...	...	...	...
Class II	2,509	1,582	11.5	31.8	37.5	37.9	218	920,139	9.18	4.21	...	...	...	...	...	...	...	...
Class III	2,866	1,559	11.4	31.4	21.1	21.8	213	486,320	8.44	3.95	...	...	...	...	...	...	...	...
Class IV	2,160	848	8.5	17.1	8.8	8.6	225	189,174	8.34	3.70	...	...	...	...	...	...	...	...
Class V	1,175	338	7.7	6.8	2.2	2.4	205	53,062	8.40	4.09	...	...	...	...	...	...	...	...
Class VI	346	60	6.6	1.2	0.2	0.3	195	5,055	6.83	3.51	...	...	...	...	...	...	...	...
Other farms	1,619	146	7.2	2.9	0.7	0.7	204	15,270	7.70	3.78	...	...	...	...	...	...	...	...
Illinois, total	175,705	111,544	32.9	100.0	100.0	100.0	264	57,905,762	7.31	2.76	42,639	4.7	100.0	100.0	100.0	4,477	8,675,591	7.73
Commercial farms	147,801	104,142	33.1	93.4	98.5	98.3	265	57,092,991	7.34	2.77	40,614	4.7	95.3	97.5	97.8	4,464	8,447,557	7.70
Class I	9,580	8,227	40.5	7.4	20.6	18.1	301	12,378,465	8.64	2.87	3,845	5.8	9.0	17.6	18.1	4,342	1,464,709	7.19
Class II	42,087	33,913	33.4	30.4	41.0	39.3	276	24,005,384	7.71	2.80	14,429	4.8	33.8	39.4	39.9	4,430	3,350,292	7.49
Class III	41,557	30,349	31.2	27.2	23.1	24.6	248	13,142,722	6.74	2.72	11,637	4.3	27.3	24.5	23.7	4,618	2,156,824	8.10
Class IV	26,949	17,800	30.2	16.0	9.2	10.8	225	5,128,385	5.97	2.65	6,547	4.2	15.4	10.6	10.6	4,475	984,770	8.29
Class V	18,058	10,353	28.6	9.3	3.7	4.4	223	1,992,795	5.68	2.55	3,161	4.0	7.4	4.2	4.4	4,341	379,707	7.76
Class VI	9,570	3,500	23.4	3.1	0.8	1.0	221	445,240	5.58	2.52	995	3.7	2.3	1.2	1.1	4,769	111,255	8.93
Other farms	27,904	7,402	24.6	6.6	1.5	1.7	233	812,771	6.01	2.58	2,025	4.6	4.7	2.5	2.2	5,029	228,034	9.06
Areas 1, A, and B	18,335	12,748	37.4	100.0	100.0	100.0	238	6,290,656	6.71	2.82	3,862	4.3	100.0	100.0	100.0	5,127	747,174	6.99
Commercial farms	16,865	12,433	37.4	97.5	99.2	99.4	238	6,240,141	6.69	2.82	3,787	4.3	98.1	99.2	99.1	5,131	740,614	6.99
Class I	1,624	1,497	50.9	11.7	30.5	26.9	270	1,952,076	7.74	2.86	505	5.4	13.1	24.6	24.9	5,067	167,998	6.30
Class II	6,087	5,168	39.0	40.5	43.9	45.8	228	2,800,910	6.52	2.86	1,771	4.4	45.9	47.0	45.7	5,277	353,160	7.23
Class III	5,089	3,748	30.5	29.4	18.1	20.1	214	1,113,350	5.90	2.75	1,036	3.7	26.8	21.4	21.2	5,178	171,531	7.55
Class IV	2,530	1,480	24.0	11.6	5.6	5.4	246	304,950	6.04	2.46	390	3.2	10.1	5.2	6.2	4,298	39,905	6.00
Class V	1,160	465	17.0	3.6	1.0	1.0	226	62,015	6.37	2.81	65	1.6	1.7	0.8	0.9	4,525	5,875	6.42
Class VI	375	75	13.4	0.6	0.1	0.1	246	6,840	6.67	2.71	20	2.8	0.5	0.1	0.2	3,333	2,145	10.21
Other farms	1,470	315	30.1	2.5	0.8	0.6	314	50,515	8.96	2.85	75	5.1	1.9	0.8	0.9	4,730	6,560	6.94
Areas 2 and C	12,156	8,968	44.1	100.0	100.0	100.0	266	4,624,582	7.58	2.85	2,479	4.3	100.0	100.0	100.0	3,557	317,443	5.34
Commercial farms	10,259	8,401	44.4	93.7	98.5	98.8	265	4,559,852	7.56	2.86	2,393	4.3	96.5	97.8	97.2	3,577	308,368	5.33
Class I	952	890	56.0	9.9	27.1	22.9	314	1,243,557	8.91	2.83	258	4.5	10.4	22.1	18.7	4,202	68,338	6.15
Class II	3,496	3,146	45.0	35.1	41.8	45.6	243	1,923,810	6.91	2.84	1,005	4.4	40.5	41.7	45.7	3,246	122,695	4.51
Class III	3,126	2,615	39.7	29.2	21.2	22.0	256	1,043,135	7.76	3.03	790	4.4	31.9	25.6	25.0	3,647	88,540	5.96
Class IV	1,495	1,045	34.2	11.7	6.0	6.2	259	248,140	6.58	2.54	230	3.0	9.3	6.0	5.7	3,771	21,865	6.50
Class V	770	515	34.3	5.7	2.0	1.9	274	87,430	7.37	2.69	90	3.1	3.6	2.0	1.8	3,972	5,360	5.08
Class VI	420	190	17.9	2.1	0.3	0.3	352	13,780	8.61	2.44	20	2.5	0.8	0.4	0.4	3,455	1,570	7.14
Other farms	1,897	567	28.6	6.3	1.5	1.2	354	64,730	9.17	2.59	86	6.7	3.5	2.2	2.8	2,835	9,075	5.51
Area 3	21,629	10,009	19.7	100.0	100.0	100.0	310	5,012,777	8.33	2.69	5,200	4.9	100.0	100.0	100.0	4,534	1,202,426	8.02
Commercial farms	19,553	9,798	19.7	97.9	99.6	99.5	310	4,986,547	8.33	2.69	5,129	4.9	98.6	99.4	99.3	4,539	1,192,571	8.01
Class I	1,854	1,347	27.4	13.5	25.7	27.2	292	1,418,837	8.66	2.96	784	6.4	15.1	25.1	25.5	4,472	318,136	8.33
Class II	6,663	4,261	20.1	42.6	44.7	44.3	313	2,171,350	8.14	2.61	2,115	5.0	40.7	43.4	43.8	4,497	512,830	7.81
Class III	5,811	2,785	16.3	27.8	21.6	21.2	315	1,023,525	8.02	2.55	1,430	4.2	27.5	23.1	21.9	4,783	264,900	8.08
Class IV	2,970	1,005	12.6	10.0	5.8	5.3	342	250,185	7.90	2.31	550	3.4	10.6	5.7	5.7	4,557	70,575	8.31
Class V	1,550	330	12.1	3.3	1.6	1.3	387	114,270	14.63	3.78	210	5.4	4.0	1.9	2.3	3,699	23,525	6.75
Class VI	705	70	7.6	0.7	0.1	0.2	268	8,380	8.14	3.04	40	2.5	0.8	0.2	0.2	4,746	2,605	7.78
Other farms	2,076	211	13.8	2.1	0.4	0.5	243	26,230	8.71	3.58	71	4.8	1.4	0.6	0.7	3,865	9,855	9.48
Area 4	17,951	11,381	32.8	100.0	100.0	100.0	257	5,922,539	7.79	3.04	4,837	4.9	100.0	100.0	100.0	4,521	923,493	8.21
Commercial farms	15,510	10,891	33.0	95.7	99.1	99.1	257	5,870,654	7.79	3.04	4,602	4.8	95.1	97.5	97.6	4,515	903,268	8.22
Class I	743	681	42.7	6.0	19.1	17.2	285	1,207,714	9.24	3.24	345	6.1	7.1	14.6	16.6	3,979	121,393	6.50
Class II	3,308	2,879	35.3	25.3	35.5	35.6	256	2,165,090	7.99	3.13	1,346	4.8	27.8	34.6	33.0	4,751	317,850	8.57
Class III	4,563	3,621	30.2	31.8	27.1	27.4	253	1,521,625	7.29	2.88	1,426	4.2	29.5	27.0	25.8	4,730	247,240	8.51
Class IV	3,551	2,355	29.5	20.7	12.2	13.7	229	692,925	6.65	2.91	955	5.2	19.7	15.5	16.4	4,271	160,920	8.73
Class V	2,220	1,025	23.5	9.0	4.0	3.9	259	215,720	7.19	2.78	415	4.2	8.6	4.6	4.8	4,333	44,900	8.30
Class VI	1,125	330	25.2	2.9	1.2	1.2	270	67,580	7.60	2.82	115	3.3	2.4	1.1	1.0	4,924	10,965	9.29
Other farms	2,441	490	18.7	4.3	0.9	0.9	247	51,885	7.35	2.98	235	7.2	4.9	2.5	2.4	4,767	20,225	7.49

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime						
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Illinois—Continued																		
Area 5	7,717	5,235	33.3	100.0	100.0	100.0	328	3,973,866	9.15	2.79	1,851	4.9	100.0	100.0	100.0	4,149	395,409	6.18
Commercial farms	7,211	5,139	33.2	98.2	99.3	99.3	328	3,949,815	9.15	2.79	1,825	4.8	98.6	97.8	98.1	4,133	388,662	6.19
Class I	599	483	42.8	9.2	20.7	21.4	317	884,530	9.52	3.00	230	6.4	12.4	22.0	21.7	4,208	84,142	6.06
Class II	3,262	2,601	33.3	49.7	54.9	53.2	339	2,155,565	9.33	2.75	940	4.8	50.8	52.6	52.4	4,163	206,265	6.15
Class III	2,120	1,390	27.3	26.6	18.6	18.8	324	709,370	8.67	2.67	475	4.2	25.7	19.1	19.5	4,067	80,945	6.49
Class IV	775	470	29.1	9.0	3.8	4.4	282	149,975	7.77	2.75	150	3.4	8.1	3.1	3.5	3,654	14,255	6.32
Class V	315	175	35.3	3.3	1.2	1.4	282	48,680	7.85	2.78	25	2.3	1.4	0.6	0.6	3,877	2,275	5.62
Class VI	140	20	3.4	0.4	(Z)	(Z)	364	1,695	15.41	4.24	5	6.0	0.3	0.3	0.3	4,000	780	4.00
Other farms	506	96	35.1	1.8	0.7	0.7	337	24,051	8.31	2.46	26	14.6	1.4	2.2	1.9	4,963	6,747	5.62
Areas 6a, D, and E	17,808	11,108	29.4	100.0	100.0	100.0	292	6,795,453	8.17	2.80	5,020	5.2	100.0	100.0	100.0	4,305	1,197,705	8.18
Commercial farms	15,243	10,648	29.4	95.9	99.1	98.9	292	6,728,028	8.18	2.80	4,855	5.1	96.7	98.2	98.4	4,296	1,175,505	8.16
Class I	1,066	925	36.1	8.3	21.5	20.4	307	1,509,941	8.91	2.90	481	5.0	9.6	16.8	16.1	4,489	196,242	8.31
Class II	4,986	4,105	28.7	37.0	44.9	43.2	303	3,056,954	8.50	2.81	2,127	5.6	42.4	47.7	47.7	4,304	578,749	8.28
Class III	4,520	3,128	27.7	28.2	22.3	23.9	273	1,494,738	7.53	2.76	1,317	4.3	26.2	21.9	21.3	4,434	264,334	8.48
Class IV	2,451	1,515	25.9	13.6	7.0	7.7	264	460,075	7.18	2.71	610	5.7	12.2	8.6	9.6	3,855	98,700	7.03
Class V	1,490	730	28.0	6.6	2.8	3.1	261	163,870	6.38	2.44	235	4.0	4.7	2.4	2.5	4,136	29,845	8.12
Class VI	730	245	24.4	2.2	0.6	0.7	286	42,450	7.75	2.71	85	7.3	1.7	0.7	1.1	2,713	7,635	4.66
Other farms	2,565	460	27.4	4.1	0.9	1.1	244	67,425	7.28	2.98	165	7.1	3.3	1.8	1.6	4,826	22,200	9.21
Area 6b	26,411	17,154	31.5	100.0	100.0	100.0	317	12,655,612	8.50	2.69	7,071	5.0	100.0	100.0	100.0	4,075	1,681,072	7.08
Commercial farms	24,296	16,829	31.5	98.1	99.8	99.8	317	12,630,442	8.50	2.69	6,991	5.0	98.9	99.5	99.5	4,076	1,672,757	7.08
Class I	2,328	2,002	38.1	11.7	26.6	25.1	335	3,391,658	9.07	2.71	1,051	6.1	14.9	25.0	25.1	4,063	427,842	7.18
Class II	10,423	8,162	31.6	47.6	50.7	51.7	311	6,561,454	8.53	2.74	3,470	4.8	49.1	49.0	49.1	4,072	812,495	6.97
Class III	6,865	4,575	26.9	26.7	17.6	18.0	309	2,086,220	7.78	2.52	1,740	4.6	24.6	19.5	19.4	4,115	333,030	7.24
Class IV	2,755	1,415	23.8	8.2	3.8	3.9	307	467,295	8.07	2.63	540	4.4	7.6	4.5	4.5	4,078	74,615	6.96
Class V	1,175	535	28.6	3.1	1.0	0.9	324	106,465	7.63	2.36	135	4.1	1.9	0.9	0.8	4,313	16,600	8.26
Class VI	750	140	21.8	0.8	0.1	0.2	283	17,350	7.53	2.66	55	13.4	0.8	0.5	0.6	3,411	8,175	5.80
Other farms	2,115	325	20.9	1.9	0.2	0.2	320	25,170	7.64	2.38	80	8.0	1.1	0.5	0.5	3,857	8,315	6.63
Areas 7 and F	17,044	11,249	37.1	100.0	100.0	100.0	208	4,179,692	5.68	2.73	4,556	4.1	100.0	100.0	100.0	5,083	724,312	8.96
Commercial farms	13,912	10,402	37.4	92.5	97.1	97.4	207	4,084,862	5.70	2.75	4,270	4.0	93.7	95.0	95.4	5,066	685,077	8.89
Class I	88	88	43.9	0.8	2.5	2.0	262	96,697	6.65	2.54	53	9.2	1.2	4.8	3.8	6,399	24,605	8.06
Class II	1,544	1,419	44.5	12.6	25.9	24.1	224	1,149,246	6.49	2.90	675	4.5	14.8	22.7	22.3	5,174	155,530	8.62
Class III	4,253	3,773	39.6	33.5	37.8	39.7	198	1,613,524	5.52	2.79	1,561	3.9	34.3	34.7	35.5	4,974	264,332	9.22
Class IV	3,972	3,027	32.9	26.9	20.8	21.8	198	830,825	5.19	2.62	1,191	3.5	26.1	21.1	21.0	5,110	157,070	9.27
Class V	2,915	1,755	28.8	15.6	8.9	8.7	212	343,610	5.35	2.53	665	4.0	14.6	10.1	11.1	4,648	69,850	7.79
Class VI	1,140	340	22.1	3.0	1.3	1.2	224	50,960	5.80	2.58	125	3.5	2.7	1.6	1.7	4,781	13,690	9.81
Other farms	3,132	847	29.1	7.5	2.9	2.6	229	94,830	4.97	2.17	286	5.7	6.3	5.0	4.6	5,446	39,235	10.45
Area 8	12,549	8,904	42.6	100.0	100.0	100.0	197	3,007,323	5.12	2.60	3,019	4.4	100.0	100.0	100.0	5,297	633,338	10.40
Commercial farms	8,964	7,544	43.3	84.7	95.1	94.8	197	2,869,278	5.15	2.61	2,679	4.4	88.7	93.1	94.0	5,243	588,598	10.28
Class I	34	34	48.3	0.4	1.8	1.7	203	63,382	6.21	3.07	22	5.4	0.7	2.1	1.9	5,911	14,570	12.77
Class II	612	572	47.5	6.4	17.3	15.1	226	524,526	5.89	2.61	315	5.2	10.4	16.9	16.1	5,539	103,788	10.58
Class III	2,042	1,947	45.3	21.9	37.4	34.6	213	1,125,725	5.53	2.60	797	4.5	26.4	32.8	33.5	5,184	204,015	10.01
Class IV	2,651	2,451	42.5	27.5	24.0	27.1	175	753,575	4.73	2.71	855	4.1	28.3	25.9	25.4	5,400	167,540	10.84
Class V	2,180	1,775	39.8	19.9	11.9	13.0	180	328,460	4.30	2.38	475	4.4	15.7	11.1	13.8	4,271	72,660	8.65
Class VI	1,445	765	29.4	8.6	2.6	3.2	162	73,610	3.90	2.41	215	3.2	7.1	4.4	3.4	6,828	26,025	12.60
Other farms	3,585	1,360	32.8	15.3	4.9	5.2	185	138,045	4.52	2.44	340	3.9	11.3	6.9	6.0	6,143	44,740	12.31
Area 9	8,162	5,856	45.3	100.0	100.0	100.0	208	2,886,409	5.81	2.80	1,809	3.8	100.0	100.0	100.0	4,567	361,918	8.78
Commercial farms	6,226	5,241	45.9	89.5	97.7	97.4	208	2,820,599	5.83	2.80	1,639	3.7	90.6	95.8	95.7	4,574	345,588	8.77
Class I	188	183	51.3	3.1	14.4	11.8	253	419,286	7.17	2.83	67	3.3	3.7	7.7	9.0	3,869	23,731	6.37
Class II	973	923	49.3	15.8	32.4	31.2	216	914,383	5.90	2.74	377	3.5	20.8	28.0	26.4	4,835	108,102	9.94
Class III	1,615	1,515	46.8	25.9	27.1	28.8	196	823,145	5.76	2.94	515	4.4	28.5	35.1	32.9	4,882	120,920	8.93
Class IV	1,450	1,260	41.8	21.5	15.4	16.0	200	439,660	5.53	2.76	395	3.6	21.8	15.7	16.8	4,267	57,800	8.35
Class V	1,270	975	36.1	16.6	6.4	7.3	181	173,165	4.76	2.64	230	3.5	12.7	7.6	8.6	4,028	26,090	7.34
Class VI	730	385	39.3	6.6	1.9	2.3	174	50,960	4.43	2.54	55	2.7	3.0	1.8	1.9	4,176	8,945	11.25
Other farms	1,936	615	30.3	10.5	2.3	2.6	189	65,810	5.19	2.75	170	4.2	9.4	4.2	4.3	4,406	16,330	9.20
Area 10	8,322	5,372	37.7	100.0	100.0	100.0	210	1,527,899	5.50	2.61	1,698	4.2	100.0	100.0	100.0	5,272	300,985	9.64
Commercial farms	5,042	4,062	39.1	75.6	92.2	91.8	211	1,413,669	5.54	2.62	1,413	4.4	83.2	91.6	92.4	5,222	275,570	9.55
Class I	48	48	47.7	0.9	6.0	4.9	260	107,656	7.96	3.06	24	3.4	1.4	3.5	3.1	6,016	10,522	10.90
Class II	321	306	45.1	5.7	18.3	17.3	222	305,248	6.33	2.85	161	5.2	9.5	14.8	17.7	4,394	45,323	8.19
Class III	812	762	41.6	14.2	27.7	25.7	226	400,680	5.60	2.48	327	4.6	19.3	24.1	25.4	5,003	70,715	8.92
Class IV	1,316	1,161	38.2	21.6	21.3	23.3	192	327,495	5.05	2.63	426	4.2	25.1	25.5	22.6	5,929	77,300	10.93
Class V	1,515	1,230	34.6	22.9	14.5	16.0	191	209,880	4.71	2.47	320	4.4	18.8	16.9	17.9	4,987	51,480	9.21
Class VI	1,030	555	26.2	10.3	4.4	4.4	206	62,710	5.08	2.46	155	3.8	9.1	6.8	5.7	6,276	20,230	11.40
Other farms	3,280	1,310	27.0	24.4	7.8	8.2	199	114,230	4.98	2.50	285	2.8	16.8	8.4	7.6	5,877	25,415	10.75
Area 11	7,621	3,560	21.1	100.0	100.0	100.0	266	1,028,954	6.65	2.50	1,237	4.3	100.0	100.0	100.0	4,013	190,316	5.98
Commercial farms	4,720	2,754	22.7	77.4	91.6	92.4	263	939,104	6.57	2.50	1,031	4.7	83.3	89.3	92.3	3,883	170,979	5.82
Class I	56	49	59.9	1.4	7.9	8.7	242	83,131	6.16	2.55	25	14.0	2.0	3.8	9.9	1,556	7,190	2.28
Class II	412	371	30.5	10.4	24.3	24.0	269	276,848	7.44	2.77	127	3.6	10.3	19.6	13.9	5,663	33,505	7.59
Class III	741	490	21.4	13.8	17.0	19.7	228	187,685	6.15	2.69	223	4.7	18.0	24.5	21.1	4,670	46,322	6.91
Class IV	1,033	616	20.8	17.3	20.8	19.1	289	203,285	6.87	2.38	255	5.9	20.6	19.5	26.3	2,977	44,225	5.28
Class V	1,498	843	17.1	23.7	15.9	15.8	268	139,230	5.69	2.12	296	3.8	23.9	17.7	17.2	4,124	31,247	5.71
Class VI	980	385	13.3	10.8	5.6	5.0	299	48,925	6.31	2.11	105	2.1	8.5	4.1	3.9	4,266	8,490	6.85
Other farms	2,901	806	11.4	22.6	8.4	7.6	295	89,850	7.67	2.60	206	2.4	16.7	10.7	7.7	5,581	19,337	7.92
Indiana, total	153,697	118,681	57.4	100.0	100.0	100.0	259	60,042,240	7.46	2.88	42,029	6.3	100.0	100.0	100.0	3,964	5,228,701	5.89
Commercial farms	115,182	101,323	58.4	85.4	96.8	97.0	258	58,263,631	7.46	2.89	37,718	6.3	89.7	95.2	94.9	3,976	4,989,821	5.92
Class I	4,543	4,327	65.8	3.6	16.6	13.3	322	10,342,895	9.66	3.00	2,248	7.7	5.3	14.0	14.0	3,963	735,986	5.91
Class II	23,219	22,451	62.6	18.9	36.1	36.2	258	22,135,057	7.59	2.94	9,867	6.0	23.5	31.8	31.7	3,972	1,733,172	6.15
Class III	29,374	28,009	57.4	23.6	24.6	26.7	239	14,717,575	6.85	2.87	10,646	5.9	25.3	25.0	24.7	4,010	1,321,226	6.02
Class IV	26,810	24,125	52.4	20.3	12.6	13.5	242	7,241,174	6.67	2.76	8,086	6.2	19.2	14.7	14.5	4,013	724,890	5.64
Class V	21,549	17,019	48.0	14.3	5.8	6.1	246	3,243,385	6.59	2.68	5,380	6.8	12.8	7.8	7.8	3,956	384,870	5.53
Class VI	9,687	5,392	38.3	4.5	1.1	1.2	235	583,545	6.13	2.61	1,491	7.5	3.5	1.9	2.1	3,522	89,677	4.84
Other farms	38,515	17,358	36.8	14.6	3.2	3.0	277	1,778,609	7.32	2.64	4,311	6.8	10.3	4.8	5.1	3,743	238,880	5.28

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Indiana—Continued																		
Areas 1, A, and B	10,273	7,707	62.1	100.0	100.0	100.0	278	5,088,373	8.50	3.06	2,457	5.9	100.0	100.0	100.0	4,395	436,083	7.67
Commercial farms	7,332	6,421	63.5	83.3	96.4	96.6	277	4,919,713	8.51	3.07	2,207	5.9	89.8	94.8	94.6	4,403	419,028	7.79
Class I	395	359	73.7	4.7	23.5	17.2	380	1,179,948	11.44	3.01	181	10.3	7.4	22.4	25.3	3,891	86,648	6.02
Class II	1,612	1,542	69.9	20.0	36.9	38.5	266	1,891,770	8.22	3.08	656	5.1	26.7	32.6	29.6	4,842	157,960	9.38
Class III	1,905	1,790	59.8	23.2	20.4	23.2	244	1,030,630	7.43	3.04	625	4.9	25.4	20.9	20.1	4,567	88,680	7.76
Class IV	1,745	1,540	53.5	20.0	10.6	12.1	243	568,850	7.85	3.23	475	5.3	19.3	12.2	12.6	4,274	54,105	7.57
Class V	1,250	965	48.4	12.5	4.5	5.0	248	223,300	7.41	2.99	225	5.0	9.2	5.8	5.5	4,588	28,055	8.92
Class VI	425	225	29.4	2.9	0.5	0.6	248	25,215	7.08	2.85	45	6.6	1.8	0.8	1.4	2,472	3,580	4.45
Other farms	2,941	1,286	38.1	16.7	3.6	3.4	293	168,660	8.29	2.83	250	5.7	10.2	5.2	5.4	4,254	17,055	5.56
Area 2a	12,037	10,146	68.5	100.0	100.0	100.0	277	8,103,707	8.60	3.10	3,167	5.5	100.0	100.0	100.0	4,401	466,842	6.13
Commercial farms	10,110	9,149	68.9	90.2	98.5	98.6	277	7,998,667	8.61	3.11	2,967	5.5	93.7	97.9	98.1	4,394	456,427	6.11
Class I	584	563	76.0	5.5	28.5	21.3	371	2,394,783	11.91	3.21	280	8.1	8.8	28.4	28.0	4,452	127,287	5.96
Class II	2,616	2,581	71.1	25.4	40.0	40.3	275	3,163,314	8.32	3.03	987	4.7	31.2	34.5	33.0	4,597	161,980	6.45
Class III	2,725	2,605	65.9	25.7	18.1	22.4	224	1,514,440	7.18	3.21	930	5.6	29.4	22.5	23.5	4,201	101,480	5.66
Class IV	2,220	2,035	61.9	20.1	8.6	10.6	226	664,275	6.67	2.96	440	4.0	13.9	7.9	8.4	4,147	40,695	6.36
Class V	1,400	1,100	57.0	10.8	3.0	3.6	232	231,530	6.90	2.97	295	5.9	9.3	4.4	4.5	4,282	22,870	6.65
Class VI	565	265	38.8	2.6	0.4	0.4	252	30,325	7.61	3.02	35	4.3	1.1	0.3	0.6	2,247	2,115	4.75
Other farms	1,927	997	49.0	9.8	1.5	1.4	284	105,040	7.84	2.76	200	5.4	6.3	2.1	1.9	4,750	10,415	7.04
Area 2b	20,194	16,159	60.9	100.0	100.0	100.0	245	11,063,307	7.27	2.97	5,836	6.5	100.0	100.0	100.0	3,643	956,293	5.85
Commercial farms	17,112	15,212	61.1	94.1	98.8	98.9	245	10,924,689	7.26	2.96	5,619	6.5	96.3	98.5	98.6	3,640	943,803	5.85
Class I	1,316	1,291	65.8	8.0	24.3	20.5	291	2,698,734	8.65	2.98	725	8.2	12.4	24.3	23.8	3,726	233,723	6.01
Class II	5,195	5,135	61.7	31.8	43.3	44.4	239	4,829,350	7.16	2.99	2,198	6.3	37.7	41.1	41.9	3,569	405,660	5.91
Class III	4,706	4,501	59.9	27.9	21.7	23.4	227	2,371,735	6.65	2.93	1,626	6.0	27.9	23.2	21.8	3,886	212,590	5.96
Class IV	2,910	2,540	55.6	15.7	6.8	7.5	222	729,440	6.43	2.90	695	5.9	11.9	6.8	7.3	3,383	63,665	5.31
Class V	2,055	1,405	49.5	8.7	2.3	2.6	216	251,855	6.28	2.91	315	6.1	5.4	2.3	3.0	2,831	20,885	4.25
Class VI	930	340	48.7	2.1	0.4	0.5	206	43,575	6.35	3.08	60	8.4	1.0	0.7	0.7	3,475	7,280	6.17
Other farms	3,082	947	46.7	5.9	1.2	1.1	261	138,618	8.11	3.10	217	6.3	3.7	1.5	1.4	3,819	12,490	5.38
Areas 3 and C	20,707	16,372	55.2	100.0	100.0	100.0	240	6,973,675	6.87	2.87	4,376	4.8	100.0	100.0	100.0	3,168	442,180	5.02
Commercial farms	17,547	15,182	55.6	92.7	97.9	98.0	240	6,839,570	6.87	2.87	4,171	4.8	95.3	98.3	97.6	3,190	434,185	5.05
Class I	211	186	71.4	1.1	4.9	3.6	333	361,760	10.03	3.02	106	10.5	2.4	4.8	6.0	2,511	20,285	3.81
Class II	3,176	3,121	61.2	19.1	37.4	35.6	252	2,662,545	7.37	2.92	1,065	4.6	24.3	34.1	30.7	3,523	143,600	5.31
Class III	5,035	4,860	55.5	29.7	31.9	34.1	224	2,215,715	6.40	2.85	1,365	4.6	31.2	31.2	32.4	3,051	143,925	5.05
Class IV	4,775	4,205	48.9	25.7	16.7	17.4	230	1,134,610	6.44	2.80	1,040	4.7	23.8	19.2	19.2	3,168	87,690	5.19
Class V	3,355	2,470	46.0	15.1	6.5	6.7	231	422,930	6.23	2.69	505	4.6	11.5	7.7	7.7	3,152	33,955	4.98
Class VI	995	340	44.0	2.1	0.6	0.7	207	42,010	5.92	2.85	90	8.3	2.1	1.3	1.5	2,602	4,730	3.52
Other farms	3,160	1,190	41.3	7.3	2.1	2.0	253	134,105	6.77	2.68	205	4.4	4.7	1.7	2.4	2,291	7,995	3.75
Area 4	15,608	12,083	61.9	100.0	100.0	100.0	245	6,128,576	6.86	2.80	2,479	4.1	100.0	100.0	100.0	3,846	330,810	5.52
Commercial farms	12,510	10,950	62.4	90.6	98.1	98.3	245	6,020,978	6.86	2.80	2,373	4.1	95.7	97.3	97.2	3,850	320,346	5.50
Class I	589	579	67.1	4.8	17.0	14.1	295	1,077,748	8.55	2.89	242	5.0	9.8	17.7	15.6	4,348	59,656	6.36
Class II	2,911	2,816	65.1	23.3	39.0	38.3	250	2,475,060	7.23	2.90	906	5.0	36.5	41.6	43.7	3,657	142,725	5.45
Class III	3,425	3,290	61.3	27.2	25.9	28.3	224	1,548,990	6.12	2.73	730	3.6	29.4	24.0	24.6	3,745	75,200	5.09
Class IV	2,955	2,615	57.9	21.6	12.0	12.9	226	678,045	5.87	2.59	345	3.1	13.9	11.6	10.2	4,357	32,750	5.36
Class V	1,845	1,370	54.8	11.3	3.8	4.1	227	218,155	5.95	2.62	135	2.4	5.4	2.3	2.7	3,280	8,475	5.22
Class VI	785	280	31.4	2.3	0.4	0.5	207	22,980	5.03	2.42	15	1.3	0.6	0.2	0.3	2,737	1,540	8.11
Other farms	3,098	1,133	41.9	9.4	1.9	1.7	266	107,598	7.00	2.63	106	4.5	4.3	2.7	2.8	3,692	10,464	6.32
Areas 5 and D	20,859	15,897	60.5	100.0	100.0	100.0	248	8,235,151	6.84	2.75	5,649	6.8	100.0	100.0	100.0	3,660	706,967	5.20
Commercial farms	16,447	14,260	60.9	89.7	98.1	98.2	248	8,092,565	6.84	2.75	5,314	6.8	94.1	97.6	97.5	3,663	689,357	5.20
Class I	783	757	63.8	4.8	17.8	14.1	313	1,484,060	8.74	2.79	368	7.7	6.5	16.2	15.2	3,908	109,862	5.33
Class II	3,814	3,668	63.8	23.1	38.6	39.3	244	3,217,475	6.80	2.78	1,751	7.1	31.0	39.1	39.0	3,670	283,575	5.35
Class III	4,510	4,290	60.3	27.0	25.6	27.5	231	2,102,100	6.34	2.75	1,590	6.2	28.1	25.1	25.1	3,656	180,865	5.29
Class IV	3,345	2,945	55.6	18.5	10.9	11.8	230	870,125	6.14	2.67	880	6.1	15.6	10.8	11.3	3,499	72,145	4.67
Class V	2,705	2,035	54.4	12.8	4.5	4.7	242	359,875	6.42	2.66	560	7.0	9.9	4.9	5.3	3,367	32,645	4.51
Class VI	1,290	565	42.4	3.6	0.8	0.9	217	58,930	5.48	2.53	165	8.6	2.9	1.5	1.6	3,436	10,265	4.71
Other farms	4,412	1,637	42.1	10.3	1.9	1.8	260	142,586	6.69	2.57	335	6.7	5.9	2.4	2.5	3,540	17,610	5.23
Areas 6 and E	22,928	16,278	49.3	100.0	100.0	100.0	260	7,775,003	7.66	2.95	7,899	7.3	100.0	100.0	100.0	4,030	1,015,631	6.73
Commercial farms	15,250	13,211	50.4	81.2	95.5	95.5	260	7,468,371	7.70	2.96	6,832	7.2	86.5	93.7	92.1	4,100	944,925	6.80
Class I	413	365	49.6	2.2	10.6	9.1	301	865,118	9.34	3.10	219	5.9	2.8	7.1	7.3	3,946	74,793	6.83
Class II	2,407	2,236	54.1	13.7	32.6	30.8	275	2,662,638	8.51	3.10	1,407	7.1	17.8	28.8	27.1	4,273	287,307	7.02
Class III	3,777	3,547	50.3	21.8	28.6	29.2	255	2,215,875	7.49	2.94	1,871	6.7	23.7	27.2	26.2	4,187	290,620	7.35
Class IV	3,622	3,292	49.0	20.2	14.3	15.9	234	1,050,880	6.51	2.79	1,605	7.9	20.3	17.2	17.1	4,036	157,720	6.10
Class V	3,306	2,656	45.4	16.3	7.7	8.4	237	552,105	6.47	2.72	1,290	9.0	16.3	10.5	11.2	3,793	106,565	6.32
Class VI	1,725	1,115	39.1	6.8	1.9	2.1	231	121,755	5.77	2.49	440	9.0	5.6	2.9	3.2	3,679	27,920	5.74
Other farms	7,678	3,067	34.1	18.8	4.5	4.5	260	306,632	6.78	2.61	1,067	9.0	13.5	6.3	7.9	3,216	70,706	5.94
Area 7	14,759	11,243	46.3	100.0	100.0	100.0	294	3,204,545	7.66	2.60	4,789	8.2	100.0	100.0	100.0	4,498	394,672	5.32
Commercial farms	8,173	7,383	49.2	65.7	87.6	87.5	295	2,826,635	7.72	2.62	3,744	8.6	78.2	88.1	85.8	4,616	349,902	5.50
Class I	132	122	57.4	1.1	4.2	3.6	348	148,331	9.91	2.85	63	5.3	1.3	2.6	1.9	6,154	10,954	7.88
Class II	763	698	54.9	6.2	18.9	16.4	340	624,130	9.10	2.67	450	9.8	9.4	17.8	16.5	4,849	73,240	5.97
Class III	1,411	1,306	50.7	11.6	23.2	23.1	296	769,875	7.96	2.69	814	8.6	17.0	23.4	22.2	4,742	88,331	5.37
Class IV	2,128	2,008	49.2	17.9	21.7	22.2	288	688,579	7.40	2.57	1,141	9.1	23.8	23.6	23.2	4,583	98,710	5.75
Class V	2,422	2,177	46.1	19.4	15.4	17.3	261	465,610	6.44	2.46	960	8.0	20.0	16.2	16.9	4,293	61,055	4.86
Class VI	1,317	1,072	36.0	9.5	4.1	4.9	251	130,110	6.41	2.56	316	6.8	6.6	4.5	5.1	3,974	17,612	4.62
Other farms	6,586	3,860	32.9	34.3	12.4	12.5	291	377,910	7.22	2.48	1,045	6.6	21.8	11.9	14.2	3,781	44,770	4.25
Areas 8 and F	16,332	12,796	46.0	100.0	100.0	100.0	302	3,469,903	7.86	2.60	5,377	8.6	100.0	100.0	100.0	4,739	479,223	5.83
Commercial farms	10,701	9,555	47.8	74.7	91.4	91.4	302	3,172,443	7.86	2.60	4,491	8.7	83.5	89.9	89.3	4,770	431,848	5.88
Class I	120	105	50.3	0.8	3.9	3.4	352	132,413	8.86	2.52	64	7.3	1.2	2.8	2.6	4,996	12,778	5.87
Class II	725	654	51.7	5.1	17.1	16.2	319	608,775	8.51	2.67	447	8.6	8.3	14.8	14.4	4,868	77,125	6.50
Class III	1,880	1,820	51.2	14.2	27.1	26.6	308	948,215	8.08	2.63	1,095	9.2	20.4	26.7	25.8	4,905	139,535	6.58
Class IV	3,110	2,945	46.9	23.0	24.9	25.4	296	856,370	7.62	2.58	1,465	9.0	27.2	25.9	26.2	4,691	117,410	5.45
Class V	3,211	2,841	43.7	22.2	15.1	15.9	288	518,025	7.39	2.57	1,095	8.1	20.4	16.2	15.7	4,868	70,365	5.44
Class VI	1,655	1,190	37.3	9.3	3.3	3.9	255	108,645	6.38	2.50	325	8.2	6.0	3.5	4.5	3,669	14,635	3.93
Other farms	5,631	3,241	32.7	25.3	8.6	8.6	300	297,460	7.80	2.60	886	7.5	16.5	10.1	10.7	4,482	47,375	5.39

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Iowa, total	193,009	112,724	26.6	100.0	100.0	100.0	175	46,968,597	6.67	3.82	31,082	2.8	100.0	100.0	100.0	4,230	4,582,863	6.29
Commercial farms	178,238	111,004	26.7	98.5	99.5	99.6	175	46,771,168	6.67	3.82	30,422	2.7	97.9	99.0	99.0	4,230	4,535,046	6.29
Class I	10,302	8,587	37.2	7.6	18.4	16.2	198	8,845,744	7.74	3.90	2,522	3.1	8.1	13.5	13.0	4,398	632,076	6.68
Class II	52,164	40,505	30.4	35.9	44.6	44.8	174	20,847,397	6.61	3.80	10,601	2.8	34.1	40.2	40.0	4,244	1,839,950	6.31
Class III	59,884	39,324	23.6	34.9	26.5	28.2	164	12,398,142	6.25	3.81	10,128	2.6	32.6	29.6	29.6	4,228	1,324,300	6.14
Class IV	33,818	16,618	17.9	14.7	8.1	8.4	168	3,763,430	6.36	3.80	5,001	2.7	16.1	11.8	12.1	4,130	535,425	6.09
Class V	15,430	4,940	13.3	4.4	1.7	1.7	174	796,175	6.59	3.79	1,710	2.8	5.5	3.3	3.5	3,894	175,425	6.82
Class VI	6,640	1,030	11.2	0.9	0.3	0.3	169	120,280	6.06	3.59	460	3.0	1.5	0.7	0.7	3,896	27,870	5.25
Other farms	14,771	1,720	14.3	1.5	0.5	0.4	202	197,429	7.08	3.50	660	3.8	2.1	1.0	1.0	4,165	47,817	6.45
Area 1a	18,538	11,591	26.6	100.0	100.0	100.0	181	5,698,281	7.38	4.07	1,118	1.1	100.0	100.0	100.0	3,067	207,333	6.68
Commercial farms	17,913	11,561	26.6	99.7	99.9	99.9	181	5,694,786	7.38	4.07	1,118	1.1	100.0	100.0	100.0	3,067	207,333	6.68
Class I	1,867	1,550	36.4	13.4	25.4	23.8	193	1,515,216	8.23	4.26	187	1.6	16.7	29.9	26.8	3,423	65,593	7.88
Class II	7,241	5,466	27.4	47.2	49.3	48.7	183	2,729,695	7.26	3.96	611	1.2	54.7	51.9	52.8	3,012	104,215	6.36
Class III	5,745	3,410	21.3	29.4	20.2	21.6	169	1,141,680	6.85	4.05	290	0.7	25.9	16.6	18.7	2,708	34,860	5.99
Class IV	2,115	960	19.8	8.3	4.5	5.1	160	273,865	6.92	4.34	25	0.2	2.2	1.5	1.4	3,302	2,485	5.78
Class V	660	160	14.5	1.4	0.5	0.7	150	32,480	6.45	4.30	5	0.2	0.4	0.2	0.2	2,133	180	2.40
Class VI	285	15	13.9	0.1	(Z)	0.1	165	1,850	4.62	2.80	...	...	...	...	...	...	...	...
Other farms	625	30	9.6	0.3	0.1	0.1	189	3,495	7.52	3.97	...	...	...	...	...	...	...	...
Areas 1b, A, and B	23,785	14,863	26.7	100.0	100.0	100.0	159	7,522,643	7.59	4.78	1,582	1.1	100.0	100.0	100.0	3,463	263,659	6.57
Commercial farms	22,063	14,696	26.8	98.9	99.6	99.7	159	7,499,271	7.59	4.78	1,581	1.1	99.9	99.7	99.8	3,462	262,927	6.56
Class I	1,447	1,167	35.3	7.9	18.3	17.5	166	1,381,592	7.98	4.80	181	1.2	11.4	15.0	15.1	3,443	45,717	7.53
Class II	5,959	4,917	30.4	33.1	40.4	41.2	156	3,074,074	7.54	4.83	560	1.2	35.4	41.7	40.6	3,561	104,755	6.43
Class III	7,237	5,147	24.4	34.6	28.0	28.4	157	2,080,520	7.41	4.72	560	1.1	35.4	30.8	30.9	3,450	79,225	6.39
Class IV	4,570	2,555	19.2	17.2	10.3	10.1	162	758,695	7.56	4.66	210	0.8	13.3	9.5	10.0	3,293	26,510	6.58
Class V	1,995	760	14.9	5.1	2.2	2.2	157	177,860	8.13	5.17	65	0.8	4.1	2.4	2.8	2,907	5,970	5.31
Class VI	855	150	13.1	1.0	0.4	0.4	171	26,530	7.44	4.36	5	0.5	0.3	0.3	0.3	3,077	750	5.77
Other farms	1,722	167	12.1	1.1	0.4	0.3	173	23,372	7.24	4.17	1	0.4	0.1	0.3	0.2	3,860	732	7.32
Area 2a	12,352	8,659	34.6	100.0	100.0	100.0	176	4,274,750	5.85	3.33	317	0.5	100.0	100.0	100.0	2,494	56,892	5.63
Commercial farms	11,927	8,604	34.6	99.4	99.9	99.8	176	4,268,180	5.85	3.33	312	0.5	98.4	99.6	99.6	2,496	56,442	5.61
Class I	791	734	45.9	8.5	20.9	18.0	205	915,540	6.97	3.40	37	0.8	11.7	27.6	22.1	3,115	15,517	6.96
Class II	5,045	4,160	36.6	48.0	53.6	54.0	175	2,283,120	5.78	3.31	150	0.4	47.3	37.6	43.2	2,172	25,460	5.83
Class III	4,161	2,860	28.5	33.0	21.0	23.1	160	879,610	5.22	3.26	85	0.3	26.8	20.7	20.3	2,535	10,265	5.00
Class IV	1,310	665	22.6	7.7	3.6	4.1	153	155,125	5.17	3.38	30	1.0	9.5	12.5	12.7	2,451	4,555	3.54
Class V	380	135	25.0	1.6	0.6	0.6	196	30,835	7.48	3.83	10	0.8	3.2	1.3	1.2	2,560	645	5.16
Class VI	240	50	34.1	0.6	0.1	0.1	145	3,950	5.03	3.46	...	...	...	...	...	...	...	...
Other farms	425	55	36.7	0.6	0.1	0.2	147	6,570	5.66	3.86	5	1.4	1.6	0.4	0.4	2,000	450	10.00
Areas 2b and C	26,372	15,740	29.7	100.0	100.0	100.0	175	7,751,047	6.65	3.80	1,397	0.9	100.0	100.0	100.0	3,309	196,960	5.89
Commercial farms	24,549	15,638	29.8	99.4	99.6	99.8	175	7,722,952	6.65	3.80	1,372	0.9	98.2	99.6	99.4	3,318	196,155	5.90
Class I	1,517	1,312	40.2	8.3	19.9	17.0	206	1,583,742	8.01	3.89	132	0.7	9.4	11.9	10.8	3,620	21,005	5.79
Class II	9,082	7,176	32.9	45.6	50.9	52.3	170	3,938,800	6.46	3.80	650	1.0	46.5	52.3	53.1	3,259	110,115	6.19
Class III	8,555	5,335	24.4	33.9	23.5	24.9	165	1,790,385	6.17	3.73	410	0.7	29.3	27.3	25.9	3,477	48,700	5.61
Class IV	3,435	1,465	18.2	9.3	4.5	4.8	165	350,455	6.29	3.82	155	1.0	11.1	7.4	8.8	2,788	14,840	5.04
Class V	1,275	260	11.2	1.7	0.5	0.5	190	40,110	7.23	3.81	25	0.4	1.8	0.8	0.7	3,955	1,495	6.80
Class VI	685	90	30.8	0.6	0.3	0.3	155	19,460	5.67	3.66	...	...	...	...	...	...	...	...
Other farms	1,823	102	13.1	0.6	0.4	0.2	306	28,095	10.48	3.43	25	1.0	1.8	0.4	0.6	1,905	805	3.83
Area 3a	14,617	5,706	14.0	100.0	100.0	100.0	184	1,811,989	7.72	4.18	3,082	4.1	100.0	100.0	100.0	3,536	393,174	5.71
Commercial farms	13,206	5,615	14.1	98.4	98.9	99.2	184	1,795,784	7.71	4.19	3,032	4.1	98.4	99.2	99.1	3,541	390,114	5.72
Class I	316	247	28.1	4.3	13.8	12.2	210	235,321	8.24	3.92	129	5.9	4.2	7.8	8.7	3,177	29,322	4.90
Class II	2,077	1,435	19.1	25.1	34.8	35.3	182	639,771	7.73	4.25	782	5.4	25.4	35.9	33.9	3,746	137,722	5.91
Class III	4,203	2,048	12.6	35.9	30.1	32.4	171	564,172	7.42	4.34	1,031	3.5	33.5	29.7	30.8	3,413	120,145	5.68
Class IV	3,625	1,360	10.0	23.8	15.5	15.6	183	277,920	7.58	4.14	740	3.5	24.0	19.5	18.9	3,648	78,625	6.05
Class V	2,135	420	5.7	7.4	4.1	3.1	245	65,960	9.19	3.75	290	3.2	9.4	5.6	5.9	3,345	22,345	5.50
Class VI	850	105	6.4	1.8	0.7	0.7	185	12,640	7.48	4.05	60	2.5	1.9	0.8	1.0	2,773	1,955	2.96
Other farms	1,411	91	9.8	1.6	1.1	0.8	242	16,205	8.60	3.55	50	3.3	1.6	0.8	0.9	3,039	3,060	4.74
Area 3b	16,637	7,250	16.6	100.0	100.0	100.0	200	2,212,219	7.18	3.59	4,473	5.7	100.0	100.0	100.0	3,936	633,319	5.96
Commercial farms	14,092	6,895	16.7	95.1	98.4	98.5	200	2,183,919	7.20	3.60	4,253	5.7	95.1	97.3	97.7	3,920	617,499	5.95
Class I	215	153	26.0	2.1	6.4	5.8	222	147,880	8.28	3.72	109	5.4	2.4	3.9	3.5	4,389	24,516	6.62
Class II	1,544	1,166	23.2	16.1	29.3	29.4	200	670,269	7.40	3.71	766	7.1	17.1	27.4	26.2	4,121	169,908	6.11
Class III	3,751	2,409	17.6	33.2	34.7	35.3	197	759,045	6.97	3.55	1,452	6.5	32.5	33.7	37.7	3,520	195,940	4.89
Class IV	4,337	2,017	13.2	27.8	20.7	20.3	205	453,545	7.26	3.54	1,181	4.4	26.4	21.9	19.7	4,388	138,705	6.64
Class V	2,890	975	10.0	13.4	6.5	6.8	190	136,525	6.48	3.41	565	4.5	12.6	8.5	8.9	3,757	77,890	8.28
Class VI	1,355	175	5.3	2.4	0.8	0.9	192	16,655	6.30	3.28	180	3.9	4.0	1.9	1.8	4,123	10,540	5.41
Other farms	2,545	355	9.9	4.9	1.6	1.5	206	28,300	6.01	2.92	220	5.1	4.9	2.7	2.3	4,621	15,820	6.51
Area 4	32,887	24,889	36.2	100.0	100.0	100.0	158	8,337,713	5.60	3.53	5,954	3.1	100.0	100.0	100.0	4,977	799,451	6.36
Commercial farms	30,926	24,468	36.2	98.3	99.5	99.5	158	8,294,711	5.60	3.53	5,878	3.0	98.7	99.4	99.2	4,986	794,671	6.37
Class I	948	861	46.2	3.5	10.4	8.2	201	877,509	7.19	3.58	318	4.5	5.3	9.2	9.4	4,885	75,790	6.43
Class II	7,946	7,216	41.2	29.0	42.1	40.7	164	3,471,437	5.73	3.49	2,095	3.6	35.2	40.8	41.6	4,876	325,330	6.22
Class III	12,381	10,500	34.2	42.2	34.6	37.3	147	2,961,830	5.33	3.62	2,280	2.6	38.3	36.1	34.2	5,259	284,335	6.62
Class IV	6,436	4,441	27.9	17.8	10.2	11.0	147	816,865	5.00	3.40	940	2.5	15.8	11.1	11.8	4,677	90,550	6.10
Class V	2,380	1,220	24.0	4.9	1.9	2.1	144	147,640	4.76	3.30	195	1.8	3.3	1.8	1.8	4,985	15,110	6.58
Class VI	835	230	20.2	0.9	0.2	0.3	138	19,430	4.60	3.34	50	2.6	0.8	0.4	0.4	4,514	3,550	6.51
Other farms	1,961	421	30.5	1.7	0.5	0.5	174	43,002	5.89	3.39	76	4.0	1.3	0.6	0.8	3,833	4,780	4.98
Area 5	23,742	10,339	17.8	100.0	100.0	100.0	191	4,207,504	7.43	3.89	6,539	5.0	100.0	100.0	100.0	4,273	1,034,247	6.51
Commercial farms	21,806	10,178	17.9	98.4	99.7	99.7	191	4,193,664	7.43	3.89	6,423	5.0	98.2	99.2	99.3	4,274	1,022,052	6.48
Class I	1,462	1,125	31.5	10.9	24.1	22.2	206	995,524	7.90	3.83	686	6.9	10.5	18.4	17.4	4,535	184,942	6.70
Class II	6,718	4,098	19.9	39.6	43.9	45.7	183	1,880,320	7.27	3.96	2,532	5.4	38.7	43.5	44.0	4,223	440,465	6.31
Class III	7,036	3,175	13.5	30.7	22.7	22.9	189	948,165	7.31	3.87	2,025	4.3	31.0	26.1	26.0	4,292	279,635	6.77
Class IV	4,045	1,330	10.5	12.9	7.2	7.1	194	294,780	7.34	3.78	865	3.7	13.2	8.7	8.9	4,143	87,650	6.18
Class V	1,760	380	9.2	3.7	1.6	1.6	194	66,790	7.34	3.79	235	3.9	3.6	2.1	2.4	3,688	24,340	6.38
Class VI	785	70	6.7	0.7	0.2	0.2	205	8,085	7.52	3.68	80	5.2	1.2	0.5	0.5	3,893	5,020	5.98
Other farms	1,936	161	10.7	1.6	0.3	0.3	201	13,840	7.77	3.87	116	7.3	1.8	0.7	0.8	4,184	12,195	10.04

Z Less than 0.05.

USE OF FERTILIZER AND LIME

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic sres, and economic class of fsrm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollsrs)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per scre limed
Iowa—Continued																		
Areas 6 and D	24,079	13,687	26.3	100.0	100.0	100.0	192	5,152,451	6.60	3.43	6,620	5.2	100.0	100.0	100.0	4,837	997,828	6.49
Commercial farms	21,756	13,349	26.4	97.5	99.4	99.4	192	5,117,901	6.59	3.43	6,453	5.2	97.5	98.9	98.8	4,842	987,853	6.50
Class I	1,739	1,438	34.7	10.5	22.7	20.7	211	1,193,420	7.37	3.49	743	5.4	11.2	17.3	16.4	5,087	169,668	6.72
Class II	6,552	4,871	28.6	35.6	42.0	41.9	193	2,159,911	6.60	3.43	2,455	5.5	37.1	41.7	41.2	4,894	421,980	6.66
Class III	6,815	4,440	23.8	32.4	24.8	26.4	181	1,272,735	6.17	3.41	1,995	4.7	30.1	27.1	26.8	4,888	271,195	6.58
Class IV	3,945	1,825	18.6	13.3	7.6	8.1	181	382,180	6.05	3.34	855	4.8	12.9	9.4	10.6	4,278	91,505	5.60
Class V	1,955	630	15.9	4.6	2.0	2.0	185	97,975	6.18	3.34	320	4.6	4.8	2.8	3.0	4,593	27,450	5.99
Class VI	750	145	10.4	1.1	0.3	0.3	202	11,680	5.78	2.86	85	6.1	1.3	0.6	0.8	3,958	6,055	5.11
Other farms	2,323	338	14.6	2.5	0.6	0.6	204	34,550	7.41	3.63	167	5.7	2.5	1.1	1.2	4,451	9,975	5.51
Kansas, total	120,291	48,560	12.7	100.0	100.0	100.0	117	18,568,559	4.82	4.12	7,577	0.6	100.0	100.0	100.0	4,005	1,107,920	5.92
Commercial farms	102,526	45,883	12.8	94.5	98.2	98.5	117	18,280,568	4.81	4.13	7,127	0.6	94.1	95.0	95.7	3,975	1,055,560	5.89
Class I	3,601	1,898	11.3	3.9	10.7	10.6	118	2,106,570	5.16	4.37	305	0.4	4.0	7.4	7.7	3,828	85,890	5.95
Class II	18,849	9,687	13.1	20.0	31.2	32.8	111	5,958,760	4.71	4.23	1,678	0.6	22.1	29.4	30.3	3,884	327,810	5.77
Class III	29,826	14,676	13.5	30.2	31.2	31.5	116	5,794,886	4.77	4.12	2,445	0.7	32.3	30.6	31.3	3,919	351,042	6.00
Class IV	26,325	11,981	13.1	24.7	17.5	16.8	122	3,139,928	4.85	3.97	1,711	0.7	22.6	19.6	18.1	4,322	200,139	5.89
Class V	16,979	6,155	11.1	12.7	6.5	5.9	130	1,105,794	4.89	3.75	783	0.6	10.3	6.6	6.8	3,930	73,089	5.77
Class VI	6,946	1,486	7.5	3.1	1.1	0.9	133	174,630	4.80	3.59	205	0.6	2.7	1.4	1.5	3,756	17,590	6.13
Other farms	17,765	2,677	10.7	5.5	1.8	1.5	142	287,991	5.12	3.60	450	1.5	5.9	5.0	4.3	4,672	52,360	6.54
Area 1	8,726	594	0.9	100.0	100.0	100.0	79	251,124	4.24	5.34	10	(Z)	100.0	100.0	100.0	5,333	2,600	8.67
Commercial farms	8,015	594	1.0	100.0	100.0	100.0	79	251,124	4.24	5.34	10	(Z)	100.0	100.0	100.0	5,333	2,600	8.67
Class I	636	153	2.0	25.8	37.9	38.4	78	102,170	4.49	5.73	5	(Z)	50.0	50.0	66.7	4,000	2,000	10.00
Class II	1,914	211	1.1	35.5	36.9	38.0	77	85,988	3.82	4.95	5	(Z)	50.0	50.0	33.3	8,000	600	6.00
Class III	2,134	167	0.7	28.1	22.0	19.4	90	50,978	4.43	4.92	...	...	...	...	...	...	...	...
Class IV	1,770	34	0.2	5.7	2.6	3.2	64	10,822	5.75	9.02	...	...	...	...	...	...	...	...
Class V	1,212	29	0.1	4.9	0.6	1.0	46	1,166	2.05	4.48	...	...	...	...	...	...	...	...
Class VI	349	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other farms	711	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2s	15,562	1,627	2.3	100.0	100.0	100.0	84	644,234	3.67	4.38	33	(Z)	100.0	100.0	100.0	3,720	10,079	8.44
Commercial farms	14,717	1,607	2.4	98.8	99.7	99.8	84	642,509	3.67	4.38	33	(Z)	100.0	100.0	100.0	3,720	10,079	8.44
Class I	772	160	3.2	9.8	23.6	21.1	94	163,915	4.43	4.72	5	(Z)	15.2	31.5	31.8	3,684	3,860	10.16
Class II	4,187	743	3.0	45.7	48.1	48.7	83	305,786	3.58	4.33	12	(Z)	36.4	53.8	50.4	3,967	4,584	7.61
Class III	4,665	447	1.8	27.5	19.8	21.3	78	121,974	3.27	4.19	11	(Z)	33.3	13.6	14.0	3,617	1,455	8.71
Class IV	3,169	221	1.4	13.6	7.3	7.5	80	44,374	3.35	4.16	5	(Z)	15.2	1.1	3.8	1,111	180	4.00
Class V	1,470	31	0.6	1.9	1.0	1.1	72	6,265	3.23	4.48	...	...	...	...	...	...	...	...
Class VI	454	5	0.2	0.3	(Z)	0.1	22	195	1.05	4.88	...	...	...	...	...	...	...	...
Other farms	845	20	0.8	1.2	0.3	0.2	103	1,725	4.42	4.31	...	...	...	...	...	...	...	...
Area 2b	6,899	820	3.4	100.0	100.0	100.0	100	308,254	4.28	4.29	17	(Z)	100.0	100.0	100.0	2,905	2,937	6.18
Commercial farms	6,360	798	3.4	97.3	98.2	99.2	99	303,734	4.25	4.30	12	(Z)	70.6	55.8	56.8	2,852	1,267	4.69
Class I	203	57	7.5	7.0	13.7	19.3	71	56,994	4.09	5.77	...	...	...	...	...	...	...	...
Class II	1,429	348	4.7	42.4	49.2	47.2	104	146,997	4.33	4.15	12	(Z)	70.6	55.8	56.8	2,852	1,267	4.69
Class III	2,243	277	2.5	33.8	23.7	25.3	94	70,228	3.86	4.11	...	...	...	...	...	...	...	...
Class IV	1,434	86	1.3	10.5	9.8	5.5	176	25,300	6.36	3.60	...	...	...	...	...	...	...	...
Class V	740	25	1.1	3.0	1.4	1.7	84	3,215	2.58	3.09	...	...	...	...	...	...	...	...
Class VI	311	5	0.5	0.6	0.3	0.2	192	1,000	8.00	4.17	...	...	...	...	...	...	...	...
Other farms	539	22	1.8	2.7	1.8	0.8	215	4,520	7.73	3.59	5	0.6	29.4	44.2	43.2	2,976	1,670	8.15
Areas 3a and A	14,231	5,858	19.3	100.0	100.0	100.0	86	2,334,327	3.62	4.19	768	0.6	100.0	100.0	100.0	3,513	126,077	6.20
Commercial farms	12,550	5,712	19.4	97.5	99.4	99.5	86	2,320,667	3.62	4.19	753	0.6	98.0	98.9	99.1	3,505	125,207	6.22
Class I	475	343	26.8	5.9	13.9	13.3	90	340,243	3.97	4.40	53	0.5	6.9	8.4	8.2	3,592	9,292	5.56
Class II	3,120	1,927	22.9	32.9	45.5	46.0	85	1,069,005	3.60	4.22	310	0.8	40.4	54.6	52.1	3,682	66,843	6.32
Class III	4,471	1,997	16.0	34.1	27.9	28.2	85	631,641	3.48	4.07	264	0.6	34.4	28.0	31.1	3,170	38,293	6.06
Class IV	2,826	1,030	14.5	17.6	9.4	9.5	86	217,063	3.55	4.13	106	0.3	13.8	6.3	6.5	3,430	8,939	6.80
Class V	1,233	375	12.1	6.4	2.4	2.2	93	56,005	3.90	4.19	20	0.2	2.6	1.5	1.3	4,314	1,840	7.22
Class VI	425	40	10.9	0.7	0.3	0.3	79	6,710	3.13	3.95	...	...	...	...	...	...	...	...
Other farms	1,681	146	9.6	2.5	0.6	0.5	96	13,660	4.14	4.32	15	0.5	2.0	1.1	0.9	4,333	870	4.83
Area 3b	8,781	4,536	23.7	100.0	100.0	100.0	96	1,721,637	4.12	4.31	355	0.5	100.0	100.0	100.0	3,646	58,866	6.19
Commercial farms	8,026	4,461	23.8	98.3	99.5	99.6	96	1,714,872	4.12	4.32	350	0.5	98.6	94.2	97.6	3,518	56,866	6.13
Class I	184	120	23.4	2.6	9.3	6.3	140	156,697	5.92	4.22	11	0.8	3.1	12.9	10.0	4,729	7,097	7.49
Class II	1,531	1,146	30.0	25.3	38.4	39.2	94	678,899	4.14	4.43	124	0.8	34.9	40.1	45.5	3,212	23,219	5.37
Class III	2,579	1,664	23.3	36.7	33.1	34.6	92	573,231	3.97	4.33	120	0.4	33.8	23.4	24.3	3,515	14,215	6.15
Class IV	2,231	1,151	19.2	25.4	15.0	15.9	90	246,910	3.72	4.13	60	0.3	16.9	9.5	10.3	3,357	5,555	5.67
Class V	1,076	290	12.0	6.4	3.2	3.1	100	52,210	4.03	4.03	30	0.6	8.5	8.1	7.3	4,043	6,640	9.55
Class VI	425	90	11.4	2.0	0.4	0.5	87	6,925	3.67	4.22	5	0.2	1.4	0.2	0.3	2,800	140	5.60
Other farms	755	75	11.9	1.7	0.5	0.4	99	6,765	3.64	3.68	5	1.4	1.4	5.8	2.4	8,889	2,000	8.89
Area 4	10,956	3,516	10.8	100.0	100.0	100.0	119	1,322,225	5.33	4.49	382	0.4	100.0	100.0	100.0	3,779	66,252	7.79
Commercial farms	10,115	3,451	10.8	98.2	99.2	99.3	119	1,311,580	5.32	4.49	377	0.4	98.7	98.1	98.6	3,761	65,167	7.77
Class I	246	149	19.0	4.2	11.4	11.7	116	163,907	5.65	4.87	14	0.4	3.7	8.1	6.6	4,660	5,268	9.39
Class II	1,549	821	13.4	23.4	34.0	34.6	117	453,351	5.28	4.53	98	0.3	25.7	25.8	23.0	4,254	19,114	9.79
Class III	3,336	1,369	10.9	38.9	36.9	37.1	118	480,097	5.21	4.42	160	0.5	41.9	40.5	49.8	3,071	25,925	6.11
Class IV	2,803	855	7.0	24.3	13.9	13.0	127	176,865	5.47	4.31	85	0.3	22.3	21.7	17.6	4,662	13,590	9.09
Class V	1,481	217	3.7	6.2	2.3	2.4	112	31,220	5.21	4.65	15	(Z)	3.9	0.9	0.7	4,667	550	9.17
Class VI	700	40	3.4	1.1	0.7	0.5	167	6,140	5.23	3.13	5	0.2	1.3	1.1	0.9	4,500	720	9.00
Other farms	841	65	8.9	1.8	0.8	0.7	147	10,645	6.59	4.47	5	0.7	1.3	1.9	1.4	5,000	1,085	9.04
Area 5	14,439	7,754	26.1	100.0	100.0	100.0	122	2,711,118	4.96	4.08	1,096	1.3	100.0	100.0	100.0	3,738	161,790	5.80
Commercial farms	11,999	7,358	26.7	94.9	98.5	98.8	121	2,672,963	4.96	4.09	1,071	1.3	97.7	97.7	97.9	3,732	158,680	5.81
Class I	515	407	29.9	5.2	13.7	12.5	133	375,019	5.49	4.13	88	1.9	8.0	11.6	15.9	2,736	18,164	4.10
Class II	1,809	1,477	31.6	19.0	31.5	31.0	123	851,561	5.02	4.07	292	1.7	26.6	33.8	32.2	3,934	57,058	6.36
Class III	2,931	2,264	29.4	29.2	29.6	30.9	116	815,301	4.83	4.15	324	1.3	29.6	26.6	26.6	3,735	41,687	5.61
Class IV	3,252	1,889	21.8	24.4	16.5	17.1	117	443,451	4.74	4.05	185	0.8	16.9	13.9	12.6	4,130	20,230	5.76
Class V	2,481	1,080	16.9	13.9	6.4	6.3	123	165,241	4.81	3.91	147	1.2	13.4	9.9	9.0	4,099	17,901	7.09
Class VI	1,011	241	9.2	3.1	0.9	0.9	115	22,390	4.51	3.91	35	0.8	3.2	1.8	1.6	4,341	3,640	8.27
Other farms	2,440	396	9.6	5.1	1.5	1.2	148	38,155	5.65	3.82	25	0.9	2.3	2.3	2.1	4,017	3,110	5.18

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Kansas—Continued																		
Areas 6 and 8	16,801	8,784	29.2	100.0	100.0	100.0	144	3,530,942	6.10	4.23	1,680	2.0	100.0	100.0	100.0	4,053	241,650	5.97
Commercial farms	12,644	8,237	29.8	93.8	98.1	98.3	144	3,471,571	6.10	4.24	1,570	2.0	93.5	94.7	95.3	4,027	229,870	5.96
Class I	348	309	43.5	3.5	11.8	11.9	143	430,933	6.26	4.38	63	1.9	3.8	7.4	7.5	4,018	18,997	6.27
Class II	1,680	1,517	34.6	17.3	28.8	28.8	144	1,038,940	6.24	4.33	333	2.5	19.8	28.8	29.2	4,005	65,235	5.53
Class III	3,516	2,915	32.3	33.2	34.4	35.1	141	1,214,242	5.98	4.23	614	2.4	36.5	36.9	36.6	4,084	92,123	6.22
Class IV	3,447	2,166	23.3	24.7	16.5	16.0	148	568,391	6.14	4.14	370	1.7	22.0	16.1	16.3	4,017	38,990	5.92
Class V	2,557	1,100	16.4	12.5	5.8	5.6	151	191,470	5.93	3.93	150	0.9	8.9	4.4	4.5	3,880	11,140	6.05
Class VI	1,096	230	13.4	2.6	0.8	1.0	117	27,595	4.73	4.06	40	1.1	2.4	1.0	1.2	3,558	3,385	7.13
Other farms	4,157	547	12.8	6.2	1.9	1.7	164	59,371	6.06	3.68	110	2.5	6.5	5.3	4.7	4,584	11,780	6.20
Area 7a	13,297	8,519	32.5	100.0	100.0	100.0	139	3,043,631	5.57	4.01	1,890	2.7	100.0	100.0	100.0	4,128	245,936	5.35
Commercial farms	10,671	7,818	32.9	91.8	97.3	97.5	139	2,972,896	5.59	4.03	1,765	2.7	93.4	94.7	95.8	4,079	232,231	5.28
Class I	156	138	37.2	1.6	6.5	6.4	143	200,318	5.75	4.03	42	1.7	2.2	4.2	3.5	4,955	11,072	6.94
Class II	977	890	39.8	10.4	22.4	22.2	141	725,602	5.99	4.26	298	3.9	15.8	23.9	25.9	3,801	56,000	4.70
Class III	2,249	1,972	34.5	23.1	29.7	29.9	138	921,916	5.65	4.09	559	2.9	29.6	31.1	29.4	4,376	77,421	5.74
Class IV	3,238	2,657	31.5	31.2	24.9	25.7	135	735,050	5.24	3.89	540	2.7	28.6	26.0	26.1	4,109	64,575	5.39
Class V	2,801	1,746	26.6	20.5	11.8	11.7	141	341,935	5.35	3.81	261	1.8	13.8	7.9	9.2	3,513	18,423	4.34
Class VI	1,250	415	15.0	4.9	1.9	1.7	156	48,075	5.30	3.40	65	1.3	3.4	1.7	1.7	4,025	4,740	5.92
Other farms	2,626	701	21.3	8.2	2.7	2.5	149	70,735	5.08	3.41	125	2.9	6.6	5.3	4.2	5,258	13,705	7.16
Area 7b	10,599	6,552	46.0	100.0	100.0	100.0	130	2,701,067	4.79	3.67	1,346	2.7	100.0	100.0	100.0	4,486	191,733	5.87
Commercial farms	7,429	5,847	46.7	89.2	96.7	96.8	130	2,618,652	4.80	3.68	1,186	2.5	88.1	91.6	91.2	4,506	173,593	5.83
Class I	66	62	45.5	0.9	4.4	3.8	150	116,374	5.38	3.58	24	3.4	1.8	5.3	5.0	4,786	10,140	6.26
Class II	653	607	52.0	9.3	21.4	21.0	133	602,631	5.09	3.83	194	2.7	14.4	18.8	19.1	4,411	33,890	5.42
Class III	1,702	1,604	50.1	24.5	33.2	34.6	125	915,278	4.69	3.74	393	2.5	29.2	27.5	29.9	4,135	59,923	6.14
Class IV	2,155	1,892	47.2	28.9	24.9	25.1	129	671,702	4.74	3.67	360	2.7	26.7	28.6	24.7	5,189	48,080	5.96
Class V	1,928	1,262	36.0	19.3	10.6	10.3	134	257,067	4.41	3.29	160	1.9	11.9	9.0	9.3	4,329	16,595	5.46
Class VI	925	420	25.5	6.4	2.2	2.0	148	55,600	5.04	3.40	55	2.4	4.1	2.4	3.2	3,362	4,965	4.73
Other farms	3,170	705	31.5	10.8	3.3	3.2	134	82,415	4.56	3.41	160	5.0	11.9	8.4	8.8	4,272	18,140	6.33
Kentucky, total	193,446	142,400	25.9	100.0	100.0	100.0	402	27,586,147	9.96	2.48	27,956	5.5	100.0	100.0	100.0	3,649	3,074,354	5.18
Commercial farms	122,784	107,617	27.7	75.6	92.5	91.5	407	25,598,119	10.10	2.49	23,656	5.9	84.6	92.1	91.3	3,683	2,828,327	5.22
Class I	839	754	35.8	0.5	5.4	5.8	373	1,543,760	9.66	2.59	441	8.6	1.6	6.5	6.5	3,691	178,231	4.64
Class II	4,683	4,336	32.0	3.0	12.4	12.6	398	3,564,768	10.24	2.57	2,047	8.0	7.3	14.6	14.7	3,618	486,297	5.56
Class III	14,810	13,689	28.8	9.6	20.5	19.7	417	5,821,558	10.65	2.55	4,723	6.5	16.9	21.7	20.8	3,800	637,863	5.16
Class IV	32,448	29,323	27.3	20.6	26.5	24.7	431	7,261,528	10.62	2.46	6,850	5.3	24.5	23.9	22.2	3,921	693,765	5.27
Class V	40,762	35,888	26.4	25.2	20.4	20.6	398	5,489,757	9.61	2.41	6,507	5.2	23.3	17.9	18.9	3,466	571,875	5.11
Class VI	29,242	23,627	21.1	16.6	7.3	8.1	364	1,916,748	8.56	2.35	3,088	4.6	11.0	7.5	8.2	3,354	260,296	5.37
Other farms	70,662	34,783	15.1	24.4	7.5	8.5	357	1,988,028	8.46	2.37	4,300	3.3	15.4	7.9	8.7	3,289	246,027	4.76
Area 1	13,071	8,723	30.0	100.0	100.0	100.0	245	1,632,061	6.27	2.56	2,988	7.2	100.0	100.0	100.0	3,336	354,756	5.72
Commercial farms	7,664	6,101	32.1	69.9	87.2	86.3	247	1,441,829	6.42	2.60	2,438	7.9	81.6	89.9	89.4	3,357	325,211	5.87
Class I	43	30	36.4	0.3	3.9	3.5	275	69,329	7.65	2.78	23	10.1	0.8	3.9	4.0	3,231	16,385	6.53
Class II	337	255	27.7	2.9	9.5	8.9	260	176,110	7.61	2.93	147	8.3	4.9	12.5	11.2	3,728	48,736	7.01
Class III	791	674	35.7	7.7	18.6	17.5	260	323,640	7.12	2.74	332	7.1	11.1	14.3	14.7	3,248	56,125	6.17
Class IV	1,832	1,531	34.9	17.6	24.8	24.6	247	393,650	6.15	2.49	716	7.4	24.0	23.1	22.0	3,501	82,100	6.02
Class V	2,731	2,296	67.7	26.3	22.7	23.5	236	362,015	5.91	2.50	830	16.7	27.8	23.8	24.4	3,248	77,415	5.11
Class VI	1,930	1,315	11.5	15.1	7.8	8.3	228	117,085	5.39	2.37	390	4.3	13.1	12.3	13.0	3,157	44,450	5.51
Other farms	5,407	2,622	21.2	30.1	12.8	13.7	228	190,232	5.33	2.34	550	3.9	18.4	10.1	10.6	3,165	29,545	4.48
Area 2	7,135	5,473	33.6	100.0	100.0	100.0	259	1,570,011	6.44	2.49	1,510	5.5	100.0	100.0	100.0	3,436	226,060	5.66
Commercial farms	5,603	4,726	34.4	86.4	96.7	96.8	259	1,519,180	6.44	2.49	1,374	5.6	91.0	96.6	96.3	3,445	217,230	5.65
Class I	97	88	42.0	1.6	10.5	10.3	263	185,340	7.37	2.80	55	6.7	3.6	10.0	10.1	3,400	20,297	5.05
Class II	425	405	37.6	7.4	24.0	21.8	285	366,044	6.89	2.42	178	6.0	11.8	22.1	21.3	3,565	60,975	7.18
Class III	901	820	35.5	15.0	24.4	23.4	270	385,960	6.77	2.50	366	6.6	24.2	28.7	26.5	3,728	60,785	5.75
Class IV	1,547	1,387	34.2	25.3	21.5	23.3	239	337,289	5.93	2.49	443	6.0	29.3	24.7	25.2	3,364	50,397	5.01
Class V	1,714	1,379	30.1	25.2	12.7	13.7	238	188,532	5.63	2.36	212	3.4	14.0	7.9	9.5	2,876	17,181	4.55
Class VI	919	647	22.2	11.8	3.6	4.2	222	56,015	5.44	2.45	120	3.3	7.9	3.2	3.8	2,869	7,595	4.96
Other farms	1,532	747	19.8	13.6	3.3	3.2	262	50,831	6.49	2.48	136	3.7	9.0	3.4	3.7	3,200	8,830	5.99
Area 3a	17,523	14,166	30.1	100.0	100.0	100.0	299	2,803,917	6.97	2.33	3,699	6.9	100.0	100.0	100.0	3,520	472,110	5.11
Commercial farms	11,030	10,064	31.9	71.0	87.8	86.9	302	2,468,341	7.06	2.34	2,893	7.4	78.2	88.9	87.7	3,570	422,905	5.22
Class I	49	34	36.8	0.2	2.7	1.9	425	80,065	10.61	2.50	31	13.2	0.8	3.3	2.9	3,908	15,248	5.64
Class II	257	249	35.4	1.8	8.3	8.0	310	247,799	7.67	2.48	175	14.1	4.7	11.2	13.9	2,826	51,388	3.99
Class III	949	894	33.4	6.3	17.1	16.8	303	508,862	7.53	2.48	450	7.7	12.2	19.3	16.8	4,049	74,857	4.83
Class IV	2,327	2,191	34.4	15.5	26.0	25.3	307	713,575	7.02	2.29	767	6.6	20.7	22.9	21.1	3,828	91,237	4.68
Class V	4,148	3,851	30.9	27.2	24.5	23.9	306	667,545	6.94	2.27	990	6.9	26.8	23.3	23.4	3,510	123,705	5.73
Class VI	3,300	2,845	25.5	20.1	9.3	11.0	252	250,495	5.66	2.24	480	5.1	13.0	8.9	9.6	3,290	66,470	7.53
Other farms	6,493	4,102	21.6	29.0	12.2	13.1	277	335,576	6.38	2.30	806	4.7	21.8	11.1	12.3	3,161	49,205	4.31
Area 3b	11,977	10,257	32.5	100.0	100.0	100.0	391	2,287,503	9.12	2.33	1,810	4.7	100.0	100.0	100.0	4,191	201,876	5.60
Commercial farms	9,277	8,637	34.0	84.2	95.0	95.2	390	2,171,533	9.10	2.33	1,690	4.9	93.4	96.0	95.9	4,193	194,251	5.61
Class I	49	49	35.3	0.5	2.3	2.5	363	53,620	8.54	2.36	20	10.6	1.1	4.0	5.2	3,236	8,160	4.33
Class II	251	241	44.6	2.3	9.2	10.1	355	219,308	8.63	2.43	144	9.8	8.0	16.9	15.5	4,589	31,096	5.57
Class III	946	921	36.4	9.0	19.8	19.5	395	457,940	9.34	2.36	391	6.9	21.6	24.3	25.7	3,957	48,980	5.28
Class IV	2,876	2,776	35.9	27.1	35.1	34.2	401	796,270	9.27	2.31	575	4.6	31.8	32.1	30.2	4,462	62,100	5.70
Class V	3,285	3,045	30.7	29.7	22.3	22.4	390	508,205	9.04	2.32	420	2.6	23.2	12.8	13.1	4,086	30,660	6.47
Class VI	1,870	1,605	22.6	15.6	6.3	6.3	388	136,190	8.59	2.22	140	3.2	7.7	5.8	6.2	3,915	13,255	5.94
Other farms	2,700	1,620	17.4	15.8	5.0	4.8	406	115,970	9.54	2.35	120	2.1	6.6	4.0	4.1	4,129	7,625	5.19
Area 4	15,856	13,626	39.4	100.0	100.0	100.0	340	3,915,369	7.92	2.33	3,705	8.2	100.0	100.0	100.0	3,858	416,678	4.07
Commercial farms	12,865	11,940	40.9	87.6	96.6	97.0	339	3,784,519	7.90	2.33	3,404	8.4	91.9	96.9	96.6	3,873	402,988	4.08
Class I	142	142	45.8	1.0	7.7	7.2	361	313,961	8.80	2.44	92	11.6	2.5	8.7	8.8	3,831	26,713	2.96
Class II	492	477	50.4	3.5	16.0	14.9	365	612,128	8.31	2.28	285	9.5	7.7	13.3	13.5	3,812	51,958	3.76
Class III	1,789	1,774	44.9	13.0	24.0	25.3	321	973,795	7.78	2.42	910	10.2	24.6	26.8	27.7	3,740	113,875	4.02
Class IV	3,672	3,462	39.1	25.4	26.3	25.9	345	1,016,265	7.93	2.30	1,007	8.2	27.2	28.7	26.3	4,215	124,677	4.64
Class V	4,665	4,330	36.3	31.8	18.7	19.5	327	721,795	7.50	2.30	825	5.8	22.3	14.3	15.1	3,650	64,335	4.15
Class VI	2,105	1,755	26.4	12.9	4.0	4.1	328	146,575	7.22	2.20	285	6.9	7.7	5.0	5.2	3,733	21,430	4.03
Other farms	2,991	1,686	18.2	12.4	3.4	3.0	374	130,850	8.70	2.32	301	4.3	8.1	3.1	3.4	3,447	13,690	3.88

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Kentucky—Continued																		
Area 5	26,050	21,692	32.1	100.0	100.0	100.0	403	3,590,564	9.69	2.40	3,281	4.4	100.0	100.0	100.0	4,050	293,755	5.74
Commercial farms	18,608	17,071	33.9	78.7	92.2	92.6	402	3,320,429	9.68	2.41	2,986	4.7	91.0	93.0	93.3	4,039	273,415	5.73
Class I	33	33	42.5	0.2	1.4	1.3	446	49,250	10.63	2.38	22	6.5	0.7	2.3	1.4	6,662	4,575	6.44
Class II	234	213	35.9	1.0	4.9	4.4	444	185,064	11.23	2.53	102	7.5	3.1	7.3	6.7	4,406	29,040	8.42
Class III	734	694	35.1	3.2	10.0	9.7	415	377,536	10.49	2.53	264	7.1	8.0	14.1	14.3	4,005	42,190	5.78
Class IV	3,833	3,593	34.8	16.6	27.7	27.0	414	1,011,350	10.10	2.44	902	5.2	27.5	29.1	29.5	4,000	85,540	5.67
Class V	7,524	6,943	34.6	32.0	33.8	34.1	400	1,201,359	9.50	2.38	1,206	4.3	36.8	30.6	30.7	4,038	85,895	5.47
Class VI	6,250	5,595	29.9	25.8	14.4	16.0	363	495,870	8.35	2.30	490	2.8	14.9	9.6	10.7	3,623	26,175	4.79
Other farms	7,442	4,621	19.2	21.3	7.8	7.4	422	270,135	9.80	2.32	295	2.4	9.0	7.0	6.7	4,213	20,340	5.93
Areas 6, A, and B	39,973	30,871	16.9	100.0	100.0	100.0	624	6,722,654	16.47	2.64	5,425	4.8	100.0	100.0	100.0	3,585	623,429	5.40
Commercial farms	31,587	27,145	17.3	87.9	96.0	94.8	632	6,451,376	16.67	2.64	4,939	4.9	91.0	95.3	95.1	3,595	594,201	5.42
Class I	189	167	36.5	0.5	6.2	6.9	468	347,657	12.28	2.62	86	9.5	1.6	5.3	6.4	2,988	33,011	4.46
Class II	1,575	1,505	26.1	4.9	15.3	20.0	478	1,051,577	12.90	2.70	717	8.6	13.2	23.2	23.1	3,592	164,712	6.17
Class III	5,780	5,275	18.7	17.1	27.6	28.7	601	1,850,158	15.78	2.63	1,401	5.0	25.8	29.2	27.3	3,834	178,776	5.67
Class IV	11,163	9,783	14.1	31.7	30.3	23.9	791	2,027,750	20.76	2.63	1,617	3.2	29.8	21.3	19.0	4,025	123,540	5.63
Class V	8,934	7,374	12.2	23.9	14.4	11.5	777	959,209	20.39	2.62	838	4.2	15.4	11.3	14.0	2,875	66,892	4.13
Class VI	3,946	3,041	10.6	9.9	3.2	3.7	542	215,025	14.16	2.61	280	4.1	5.2	4.9	5.1	3,469	27,270	4.63
Other farms	8,386	3,726	11.6	12.1	4.0	5.2	479	271,278	12.83	2.68	486	3.1	9.0	4.7	4.9	3,394	29,228	5.13
Area 7	11,653	9,259	16.2	100.0	100 0	100.0	684	2,680,044	18.85	2.76	1,529	4.2	100.0	100.0	100.0	3,736	195,177	5.30
Commercial farms	10,102	8,603	16.5	92.9	97.8	97.6	685	2,621,182	18.88	2.76	1,419	4.2	92.8	96.8	95.8	3,772	187,247	5.30
Class I	222	206	27.4	2.2	17.0	29.8	390	437,806	10.34	2.65	110	6.6	7.2	30.4	27.5	4,125	53,652	5.29
Class II	987	886	18.8	9.6	23.6	25.7	628	649,310	17.76	2.83	242	3.7	15.8	19.9	19.7	3,771	37,870	5.23
Class III	2,432	2,180	14.7	23.5	27.9	21.6	882	749,456	24.39	2.77	457	3.7	29.9	20.3	21.0	3,606	38,385	4.95
Class IV	3,116	2,731	12.4	29.5	20.4	13.9	1,002	544,170	27.54	2.75	360	3.8	23.5	15.1	16.3	3,454	35,855	5.97
Class V	2,160	1,765	8.6	19.1	7.4	5.2	973	199,745	26.96	2.77	200	3.8	13.1	8.5	8.9	3,577	17,175	5.27
Class VI	1,185	835	5.5	9.0	1.5	1.5	721	40,695	19.71	2.73	50	2.4	3.3	2.7	2.4	4,067	4,310	4.79
Other farms	1,551	656	8.9	7.1	2.2	2.4	651	58,862	17.61	2.71	110	4.1	7.2	3.2	4.2	2,895	7,930	5.18
Areas 8 and C	25,981	18,453	18.1	100.0	100.0	100.0	549	2,027,666	13.42	2.44	2,600	4.5	100.0	100.0	100.0	3,533	195,427	5.21
Commercial farms	13,665	11,664	20.0	63.2	81.8	80.1	562	1,661,882	13.74	2.45	1,984	5.1	76.3	82.7	81.9	3,570	161,568	5.26
Class I	14	4	45.0	(Z)	0.3	0.5	407	6,270	9.05	2.22	1	0.6	(Z)	(Z)	(Z)	6,000	90	9.00
Class II	94	79	32.7	0.4	1.9	2.7	383	40,015	9.73	2.54	36	13.6	1.4	3.4	4.5	2,680	6,630	3.89
Class III	470	440	32.8	2.4	9.4	12.0	432	190,161	10.50	2.43	141	7.2	5.4	12.3	10.6	4,102	22,770	5.72
Class IV	1,971	1,771	20.3	9.6	19.7	18.6	582	406,776	14.48	2.49	429	5.3	16.5	20.7	19.6	3,723	36,046	4.90
Class V	4,988	4,428	18.0	24.0	30.8	27.6	612	627,947	15.04	2.46	811	5.2	31.2	32.1	32.2	3,522	66,937	5.54
Class VI	6,128	4,942	17.1	26.8	19.7	18.7	580	390,713	13.86	2.39	566	3.4	21.8	14.1	14.8	3,360	29,095	5.24
Other farms	12,316	6,789	13.0	36.8	18.2	19.9	501	365,784	12.14	2.42	616	2.9	23.7	17.3	18.1	3,366	33,859	4.98
Area 9	24,227	9,880	9.8	100.0	100.0	100.0	362	356,358	7.90	2.18	1,409	4.3	100.0	100.0	100.0	2,976	95,086	4.85
Commercial farms	2,383	1,666	14.9	16.9	42.0	34.9	435	157,848	10.02	2.30	529	9.3	37.5	50.3	50.3	2,975	49,311	5.01
Class I	1	1	50.0	(Z)	0.1	0.1	733	462	15.40	2.10	1	26.7	0.1	0.1	0.1	3,875	100	6.25
Class II	31	26	38.9	0.3	4.0	3.9	369	17,413	9.78	2.65	21	13.7	1.5	4.3	3.2	4,032	3,892	6.23
Class III	18	17	30.9	0.2	1.4	0.9	564	4,050	10.02	1.78	11	14.5	0.8	1.0	1.0	3,105	1,120	5.89
Class IV	111	98	19.9	1.0	4.5	3.9	420	14,433	8.29	1.97	34	4.7	2.4	2.9	2.1	4,093	2,273	5.56
Class V	613	477	16.5	4.8	15.0	11.3	480	53,405	10.46	2.18	175	12.7	12.4	20.6	20.1	3,043	21,680	5.50
Class VI	1,609	1,047	11.1	10.6	16.9	14.8	413	68,085	10.17	2.46	287	7.7	20.4	21.4	23.8	2,670	20,246	4.34
Other farms	21,844	8,214	8.3	83.1	58.0	65.1	323	198,510	6.77	2.10	880	2.8	62.5	49.7	49.7	2,976	45,775	4.70
Louisiana, total	111,240	73,908	43.0	100.0	100.0	100.0	237	18,927,788	7.64	3.23	2,462	1.6	100.0	100.0	100.0	1,906	489,615	5.30
Commercial farms	60,467	52,279	47.1	70.7	90.1	91.9	232	17,369,653	7.63	3.29	1,845	1.6	74.9	82.7	82.8	1,904	401,836	5.26
Class I	2,018	1,921	47.8	2.6	25.1	29.8	199	5,462,078	7.40	3.71	106	0.8	4.3	13.3	13.8	1,835	64,636	5.08
Class II	3,691	3,385	46.9	4.6	15.3	16.7	217	3,016,041	7.29	3.36	233	1.5	9.5	15.7	14.7	2,046	72,329	5.35
Class III	6,280	5,461	46.1	7.4	12.3	11.7	248	2,278,740	7.84	3.16	500	3.1	20.3	212	21.3	1,896	108,283	5.50
Class IV	13,961	12,592	50.5	17.0	15.8	14.2	263	2,809,479	7.98	3.04	489	2.0	19.9	15.1	15.2	1,896	71,826	5.13
Class V	21,413	18,858	50.0	25.5	15.5	14.0	261	2,754,670	7.92	3.03	338	1.7	13.7	13.4	13.1	1,944	63,922	5.28
Class VI	13,104	10,062	35.2	13.6	6.2	5.4	270	1,048,645	7.81	2.90	179	1.2	7.3	4.0	4.8	1,620	20,840	4.75
Other farms	50,773	21,629	21.4	29.3	9.9	8.1	288	1,558,135	7.75	2.69	617	1.7	25.1	17.3	17.2	1,917	87,779	5.52
Areas 1 and A	13,216	7,535	39.4	100.0	100.0	100.0	218	2,003,557	8.23	3.78	136	0.8	100.0	100.0	100.0	2,176	26,095	5.00
Commercial farms	6,255	4,923	43.3	65.3	88.3	90.0	214	1,832,176	8.36	3.92	101	0.9	74.3	88.9	85.4	2,265	22,900	5.14
Class I	230	225	43.8	3.0	31.4	31.6	216	709,744	9.22	4.26	11	0.6	8.1	31.9	20.1	3,448	7,205	6.86
Class II	350	311	34.6	4.1	13.1	14.2	201	296,407	8.58	4.27	13	0.6	9.6	15.5	12.1	2,794	4,320	6.86
Class III	537	437	43.0	5.8	10.2	10.6	211	202,556	7.88	3.73	21	2.1	15.4	20.0	24.5	1,773	5,800	4.53
Class IV	1,180	906	45.3	12.0	10.7	11.4	204	214,468	7.71	3.78	21	1.2	15.4	10.0	14.6	1,487	3,520	4.63
Class V	2,362	1,873	56.8	24.9	16.1	15.5	226	296,161	7.83	3.46	30	1.1	22.1	11.4	13.6	1,817	2,020	2.85
Class VI	1,596	1,171	38.7	15.5	6.7	6.6	219	112,840	6.99	3.19	5	0.1	3.7	0.2	0.5	800	35	1.40
Other farms	6,961	2,612	21.6	34.7	11.7	10.0	254	171,381	7.02	2.76	35	0.7	25.7	11.1	14.6	1,658	3,195	4.20
Area 2	20,928	16,288	44.1	100.0	100.0	100.0	245	3,820,266	8.06	3.29	414	2.0	100.0	100.0	100.0	1,689	96,976	4.53
Commercial farms	16,375	14,309	45.7	87.8	96.2	96.1	245	3,680,256	8.07	3.30	369	2.1	89.1	98.4	97.6	1,703	95,306	4.56
Class I	252	249	41.1	1.5	17.6	19.3	223	696,087	7.62	3.42	33	2.3	8.0	19.5	23.8	1,382	22,729	4.46
Class II	515	488	38.3	3.0	11.8	11.9	242	454,186	8.03	3.32	37	2.2	8.9	16.7	15.1	1,864	14,885	4.61
Class III	1,396	1,288	44.5	7.9	15.0	14.1	260	554,229	8.26	3.18	94	3.6	22.7	28.2	25.0	1,899	25,987	4.85
Class IV	3,806	3,429	50.4	21.1	21.6	20.9	253	814,833	8.22	3.25	84	1.5	20.3	12.0	13.6	1,482	12,900	4.43
Class V	7,144	6,355	53.0	39.0	23.1	23.0	246	885,970	8.14	3.30	91	1.3	22.0	15.3	12.9	2,004	11,905	4.32
Class VI	3,262	2,500	43.6	15.3	7.0	6 9	248	274,951	8.35	3.37	30	2.0	7.2	6.9	7.2	1,621	6,900	4.51
Other farms	4,553	1,979	23.9	12.2	3.8	3.9	241	140,010	7.65	3.17	45	0.7	10.9	1.6	2.4	1,129	1,670	3.31
Area 3	19,228	14,886	51.4	100.0	100.0	100.0	244	2,703,750	7.54	3.09	222	1.0	100.0	100.0	100.0	2,069	42,342	6.14
Commercial farms	14,567	13,251	54.7	89.0	95.5	95.7	243	2,581,585	7.52	3.09	157	0.7	70.7	69.4	66.1	2,172	29,787	6.53
Class I	195	177	50.4	1.2	12.0	16.1	182	385,392	6.69	3.68	9	0.6	4.1	10.6	10.3	2,141	3,567	5.05
Class II	346	313	49.1	2.1	12.5	10.3	298	311,625	8.47	2.84	11	0.8	5.0	9.7	8.4	2,379	2,625	4.53
Class III	1,095	1,006	54.1	6.8	11.2	12.0	228	321,682	7.46	3.27	31	1.1	14.0	19.4	13.2	3,034	8,485	9.29
Class IV	4,407	4,189	60.6	28.1	27.1	26.5	250	718,766	7.55	3.02	51	1.0	23.0	20.6	22.1	1,928	8,045	5.28
Class V	6,387	6,021	60.8	40.4	27.4	26.4	254	714,280	7.54	2.97	35	0.4	15.8	5.0	8.8	1,190	5,045	8.34
Class VI	2,137	1,545	34.6	10.4	5.1	4.4	282	129,840	8.18	2.90	20	0.5	9.0	4.1	3.3	2,522	2,020	8.78
Other farms	4,661	1,635	22.1	11.0	4.5	4.3	259	122,165	7.96	3.07	65	3.4	29.3	30.6	33.9	1,867	12,555	5.38

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime						
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Louisiana—Continued																		
Area 4	14,615	8,642	35.3	100.0	100.0	100.0	288	1,396,252	8.01	2.78	343	2.3	100.0	100.0	100.0	1,885	59,023	5.17
Commercial farms	4,069	3,458	46.6	40.0	72.9	72.1	292	1,031,471	8.21	2.81	228	3.3	66.5	79.6	78.6	1,909	46,093	5.14
Class I	30	25	48.5	0.3	5.4	4.6	340	89,013	11.18	3.29	7	4.3	2.0	6.8	6.2	2,077	3,350	4.77
Class II	139	123	43.0	1.4	7.2	6.3	326	97,707	8.84	2.71	18	6.0	5.2	12.5	13.4	1,746	7,600	4.95
Class III	314	258	45.9	3.0	9.6	9.1	304	140,537	8.83	2.91	19	2.7	5.5	9.0	8.1	2,086	5,348	5.77
Class IV	558	516	54.3	6.0	17.5	17.5	289	253,896	8.32	2.88	76	4.9	22.2	21.3	24.0	1,670	11,828	4.31
Class V	1,130	942	56.4	10.9	18.4	18.5	287	251,160	7.78	2.71	52	3.8	15.2	22.2	18.8	2,224	13,137	6.11
Class VI	1,898	1,594	35.2	18.4	14.8	16.0	266	199,158	7.12	2.68	56	1.1	16.3	7.8	8.0	1,846	4,830	5.31
Other farms	10,546	5,184	21.7	60.0	27.1	27.9	280	364,781	7.49	2.67	115	1.1	33.5	20.4	21.4	1,800	12,930	5.29
Areas 5 and 8	17,438	11,534	34.9	100.0	100.0	100.0	393	1,979,799	9.47	2.41	1,017	5.7	100.0	100.0	100.0	1,973	192,190	5.62
Commercial farms	6,844	5,854	36.5	50.8	78.2	74.2	414	1,538,032	9.91	2.39	751	6.4	73.8	81.4	79.7	2,013	157,143	5.76
Class I	82	64	36.2	0.4	12.6	13.5	367	247,456	8.77	2.39	17	3.1	1.7	7.3	7.1	2,031	13,296	5.47
Class II	407	334	32.1	2.9	10.7	11.2	378	215,746	9.24	2.44	107	8.0	10.5	19.1	16.9	2,230	33,257	5.74
Class III	1,049	846	41.3	7.3	17.2	15.0	451	328,375	10.46	2.32	273	10.7	26.8	21.3	23.8	1,764	46,732	5.74
Class IV	1,540	1,309	32.5	11.3	15.9	12.8	490	304,893	11.39	2.32	209	5.9	20.6	17.2	14.2	2,382	32,008	6.57
Class V	1,744	1,527	37.2	13.2	13.0	12.5	410	266,922	10.22	2.49	94	7.4	9.2	14.2	15.1	1,849	27,405	5.31
Class VI	2,022	1,774	42.4	15.4	8.7	9.3	368	174,640	9.03	2.45	51	1.9	5.0	2.3	2.5	1,757	4,445	5.14
Other farms	10,594	5,680	30.9	49.2	21.8	25.8	333	441,767	8.20	2.46	266	4.0	26.2	18.6	20.3	1,815	35,047	5.06
Area 6	8,222	4,896	53.6	100.0	100.0	100.0	182	2,630,245	7.28	4.00	75	0.4	100.0	100.0	100.0	1,575	10,521	4.34
Commercial farms	4,360	3,948	57.5	80.6	97.3	97.7	181	2,577,175	7.30	4.03	54	0.3	72.0	70.6	80.5	1,383	7,779	3.99
Class I	394	372	57.1	7.6	45.5	50.2	165	1,313,955	7.24	4.40	4	0.3	5.3	29.8	37.1	1,262	3,444	3.83
Class II	562	539	59.8	11.0	19.0	18.2	190	494,661	7.53	3.96	10	(Z)	13.3	3.4	1.9	2,889	325	7.22
Class III	716	670	59.8	13.7	14.2	13.0	197	358,475	7.60	3.85	5	0.1	6.7	2.6	2.5	1,667	300	5.00
Class IV	994	949	67.6	19.4	10.3	9.5	197	234,127	6.83	3.46	20	1.2	26.7	17.8	24.8	1,133	1,950	3.25
Class V	1,005	887	44.5	18.1	6.3	5.0	229	135,287	7.48	3.27	15	0.8	20.0	17.0	14.2	1,884	1,760	5.10
Class VI	689	531	40.6	10.8	2.0	1.8	204	40,670	6.17	3.03	...	...	...	...	...	...	...	...
Other farms	3,862	948	13.6	19.4	2.7	2.3	212	53,070	6.41	3.03	21	0.8	28.0	29.4	19.5	2,368	2,742	5.80
Area 7	10,275	5,963	4.44	100.0	100.0	100.0	186	3,708,559	6.47	3.47	110	0.4	100.0	100.0	100.0	1,859	23,801	5.10
Commercial farms	6,286	5,166	46.6	86.6	98.1	98.7	185	3,654,518	6.46	3.49	85	0.4	77.3	89.7	91.8	1,818	22,111	5.16
Class I	813	789	47.8	13.2	51.4	50.0	192	1,966,394	6.87	3.58	19	0.2	17.3	32.2	30.3	1,979	7,909	5.60
Class II	1,244	1,180	54.2	19.8	27.2	30.2	168	1,027,974	5.94	3.53	18	0.2	16.4	12.4	14.8	1,565	4,287	6.21
Class III	967	827	44.3	13.9	8.6	9.3	172	308,556	5.81	3.38	31	1.7	28.2	43.0	43.2	1,851	9,520	4.72
Class IV	1,297	1,132	41.4	19.0	6.2	5.4	217	204,646	6.66	3.07	10	0.1	9.1	0.7	1.1	1,200	135	2.70
Class V	1,196	907	30.4	15.2	3.6	3.0	225	111,862	6.51	2.89	6	0.1	5.5	0.9	0.7	2,286	200	5.71
Class VI	769	331	11.4	5.6	1.1	0.9	229	35,086	6.79	2.96	1	0.2	0.9	0.5	1.7	525	60	0.75
Other farms	3,989	797	9.6	13.4	1.9	1.3	277	54,041	7.50	2.71	25	0.5	22.7	10.3	8.2	2,312	1,690	4.39
Area 8	7,318	4,164	26.1	100.0	100.0	100.0	297	685,360	8.19	2.76	145	1.9	100.0	100.0	100.0	2,085	38,667	6.33
Commercial farms	1,711	1,370	33.3	32.9	67.8	70.1	287	474,440	8.09	2.82	100	2.3	69.0	58.6	66.3	1,842	20,717	5.11
Class I	22	20	40.8	0.5	7.3	10.1	214	54,037	6.40	2.99	6	2.0	4.1	6.6	6.9	2,000	3,136	7.47
Class II	128	97	39.5	2.3	16.2	15.1	317	117,735	9.31	2.93	19	3.2	13.1	13.4	16.8	1,662	5,030	4.92
Class III	206	129	23.4	3.1	8.5	8.6	290	64,330	8.90	3.06	26	3.2	17.9	15.4	16.1	1,996	6,111	6.22
Class IV	179	162	40.6	3.9	10.0	9.0	330	63,850	8.50	2.57	18	2.8	12.4	9.5	8.6	2,305	1,440	2.74
Class V	445	346	29.7	8.3	14.0	15.0	278	93,028	7.41	2.67	15	0.8	10.3	7.5	5.7	2,743	2,450	7.00
Class VI	731	616	32.1	14.8	11.9	12.2	289	81,460	7.97	2.76	16	2.4	11.0	6.2	12.3	1,053	2,550	3.40
Other farms	5,607	2,794	17.4	67.1	32.2	29.9	319	210,920	8.43	2.64	45	1.4	31.0	41.4	33.7	2,564	17,950	8.73
Maine, total	23,371	10,602	19.0	100.0	100.0	100.0	1,372	10,238,765	41.35	3.01	3,509	4.3	100.0	100.0	100.0	1,452	240,370	4.31
Commercial farms	13,215	8,145	23.0	76.8	98.0	95.9	1,403	10,053,934	42.35	3.02	3,035	5.1	86.5	92.0	93.9	1,422	222,474	4.24
Class I	960	536	42.6	5.1	25.3	25.6	1,357	2,659,872	41.99	3.09	240	9.8	6.8	22.2	26.0	1,243	51,474	3.55
Class II	2,572	1,974	30.7	18.6	40.8	36.0	1,553	4,184,152	46.89	3.02	927	6.3	26.4	33.0	32.9	1,458	80,687	4.40
Class III	3,138	2,334	20.9	22.0	21.4	21.4	1,376	2,158,678	40.75	2.96	830	4.4	23.7	19.8	20.0	1,436	52,513	4.70
Class IV	2,959	1,816	11.8	17.1	7.8	8.7	1,222	780,342	36.12	2.95	654	3.1	18.6	11.6	10.2	1,655	24,837	4.35
Class V	2,238	984	6.9	9.3	2.1	3.0	952	209,748	28.18	2.96	267	1.8	7.6	3.8	3.4	1,617	8,435	4.43
Class VI	1,348	501	5.8	4.7	0.6	1.1	766	61,142	22.01	2.87	117	1.7	3.3	1.5	1.5	1,543	4,528	5.59
Other farms	10,156	2,457	3.8	23.2	2.0	4.1	650	184,831	18.08	2.78	474	1.3	13.5	8.0	6.1	1,918	17,896	5.27
Area 1	3,940	3,383	39.6	100.0	100.0	100.0	1,780	8,231,936	54.28	3.05	1,118	7.6	100.0	100.0	100.0	850	82,043	2.82
Commercial farms	3,515	3,323	40.9	98.2	99.8	99.7	1,782	8,219,081	54.34	3.05	1,093	7.8	97.8	99.5	99.4	851	81,438	2.82
Class I	319	308	57.3	9.1	27.8	31.6	1,565	2,339,018	48.74	3.11	131	12.7	11.7	29.0	36.5	675	23,606	2.22
Class II	1,165	1,159	41.1	34.3	42.4	39.8	1,900	3,486,538	57.80	3.04	447	7.6	40.0	42.2	38.3	937	34,657	3.11
Class III	1,100	1,065	34.6	31.5	21.4	20.2	1,887	1,736,250	56.57	3.00	310	5.6	27.7	19.1	17.1	951	15,930	3.20
Class IV	580	560	26.6	16.6	6.6	6.3	1,862	537,615	56.06	3.01	155	4.6	13.9	7.3	5.8	1,081	5,900	3.52
Class V	261	196	20.7	5.8	1.3	1.5	1,526	102,445	46.15	3.02	45	4.3	4.0	1.7	1.6	882	1,210	2.60
Class VI	90	35	11.7	1.0	0.3	0.3	1,502	17,215	38.26	2.55	5	0.7	0.4	0.2	0.1	2,000	135	5.40
Other farms	425	60	3.1	1.8	0.2	0.3	1,037	12,855	31.74	3.06	25	1.3	2.2	0.5	0.6	706	605	3.56
Area 2	6,986	3,225	13.6	100.0	100.0	100.0	809	1,142,914	23.47	2.90	1,151	3.7	100.0	100.0	100.0	1,983	81,591	6.21
Commercial farms	3,667	2,229	17.0	69.1	93.5	92.1	822	1,074,022	23.96	2.92	959	4.5	83.3	91.1	91.3	1,979	74,745	6.23
Class I	122	82	40.9	2.5	17.4	15.1	931	201,665	27.47	2.95	41	7.4	3.6	11.5	10.1	2,262	10,773	8.14
Class II	543	403	25.2	12.5	35.7	33.5	862	406,705	24.97	2.90	243	6.0	21.1	31.0	29.5	2,083	25,347	6.52
Class III	791	583	16.6	18.1	20.7	22.5	743	237,928	21.70	2.92	262	5.4	22.8	25.4	27.0	1,866	21,630	6.10
Class IV	998	615	10.6	19.1	13.0	13.9	755	144,050	21.21	2.81	252	3.4	21.9	15.5	16.5	1,861	10,125	4.67
Class V	798	372	6.6	11.5	5.1	5.3	778	61,828	23.97	3.08	120	1.9	10.4	5.5	5.7	1,919	3,630	4.87
Class VI	415	174	6.8	5.4	1.7	1.8	775	21,846	25.43	3.28	41	2.6	3.6	2.2	2.5	1,731	3,240	9.67
Other farms	3,319	996	4.1	30.9	6.5	7.9	660	68,892	17.82	2.70	192	1.2	16.7	8.9	8.7	2,026	6,846	5.95
Area 3	5,682	1,731	5.9	100.0	100.0	100.0	730	260,674	20.08	2.75	390	1.6	100.0	100.0	100.0	1,958	19,608	5.51
Commercial farms	2,584	1,038	7.3	60.0	89.1	86.7	750	232,603	20.66	2.76	309	2.0	79.2	89.2	85.0	2,056	17,293	5.72
Class I	253	77	9.7	4.4	16.6	17.9	679	44,762	19.29	2.84	33	2.9	8.5	26.7	19.8	2,635	5,505	7.81
Class II	318	91	11.3	5.3	25.4	18.0	1,032	68,044	29.10	2.82	53	3.0	13.6	18.7	17.7	2,067	3,301	5.24
Class III	438	185	8.2	10.7	18.6	19.8	689	45,675	17.79	2.58	56	2.1	14.4	15.5	18.5	1,636	3,185	4.83
Class IV	609	305	5.8	17.6	14.5	15.7	676	38,582	18.99	2.81	96	1.8	24.6	18.3	17.8	2,016	3,017	4.77
Class V	565	240	4.6	13.9	10.8	10.4	764	28,345	21.07	2.76	56	1.2	14.4	9.0	9.7	1,826	2,130	6.17
Class VI	401	140	4.7	8.1	3.0	5.0	434	7,195	10.98	2.53	15	0.4	3.8	1.0	1.4	1,400	155	3.10
Other farms	3,098	693	2.6	40.0	10.9	13.3	601	28,071	16.26	2.70	81	0.8	20.8	10.8	15.0	1,402	2,315	4.33

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Maine—Continued																		
Areas 4 and A	6,763	2,263	10.1	100.0	100.0	100.0	611	603,241	17.60	2.88	850	3.0	100.0	100.0	100.0	2,322	57,128	5.69
Commercial farms	3,449	1,555	12.4	68.7	87.4	87.7	609	528,228	17.58	2.89	674	3.5	79.3	85.8	84.7	2,353	48,998	5.77
Class I	266	69	24.8	3.0	11.8	16.6	432	74,427	13.05	3.02	35	8.0	4.1	25.7	18.4	3,253	11,590	6.29
Class II	546	321	17.6	14.2	36.1	30.0	735	222,865	21.67	2.95	184	4.6	21.6	29.6	26.7	2,574	17,382	6.47
Class III	809	501	13.1	22.1	24.2	25.5	578	138,825	15.85	2.74	202	3.0	23.8	15.5	19.8	1,814	11,768	5.91
Class IV	772	336	6.7	14.8	9.8	9.3	643	60,095	18.83	2.93	151	2.6	17.8	10.0	12.3	1,886	5,795	4.71
Class V	614	176	4.4	7.8	3.2	3.8	508	17,130	13.20	2.60	46	1.2	5.4	2.6	3.5	1,743	1,465	4.19
Class VI	442	152	4.7	6.7	2.4	2.4	617	14,886	18.29	2.97	56	2.3	6.6	2.4	4.0	1,375	998	2.50
Other farms	3,314	708	4.4	31.3	12.6	12.3	624	75,013	17.75	2.85	176	1.6	20.7	14.2	15.3	2,151	8,130	5.28
Maryland, total	32,483	24,439	52.6	100.0	100.0	100.0	444	12,849,050	10.79	2.43	9,097	10.2	100.0	100.0	100.0	1,900	1,849,989	8.02
Commercial farms	22,042	19,537	54.8	79.9	96.1	96.1	445	12,371,019	10.81	2.43	8,044	10.6	88.4	95.2	95.8	1,887	1,770,701	8.01
Class I	1,318	1,087	62.8	4.4	21.0	17.6	529	2,703,292	12.89	2.43	705	15.2	7.7	20.5	21.9	1,775	385,914	7.62
Class II	4,402	4,030	61.4	16.5	33.0	34.7	423	4,211,972	10.19	2.41	2,253	11.0	24.8	34.0	32.1	2,011	624,524	8.44
Class III	5,097	4,706	52.0	19.3	21.4	23.0	415	2,772,523	10.14	2.44	2,076	9.7	22.8	21.0	22.1	1,809	397,066	7.80
Class IV	5,024	4,601	49.1	18.8	12.9	12.9	444	1,699,162	11.06	2.49	1,623	8.6	17.8	11.8	11.7	1,902	229,810	8.49
Class V	4,078	3,551	41.0	14.5	6.2	6.2	446	787,865	10.73	2.40	1,046	8.7	11.5	6.4	6.7	1,815	110,075	7.09
Class VI	2,123	1,562	32.6	6.4	1.6	1.7	410	196,205	9.69	2.36	341	4.7	3.7	1.5	1.3	2,251	23,312	7.98
Other farms	10,441	4,902	2.66	20.1	3.9	3.9	442	478,031	10.17	2.30	1,053	5.4	11.6	4.8	4.2	2,199	79,288	8.26
Area 1	2,304	1,426	25.7	100.0	100.0	100.0	358	272,187	8.90	2.48	614	7.0	100.0	100.0	100.0	3,183	72,088	8.60
Commercial farms	1,153	946	30.8	66.3	86.5	86.4	359	236,132	8.93	2.49	469	8.6	76.4	86.8	88.2	3,130	61,703	8.34
Class I	45	39	36.9	2.7	13.9	10.1	494	36,564	11.89	2.41	12	13.9	2.0	5.6	13.8	1,293	4,175	3.60
Class II	98	78	31.7	5.5	10.1	10.9	332	30,335	9.09	2.74	36	9.1	5.9	11.7	11.4	3,277	8,205	8.59
Class III	203	188	37.4	13.2	22.8	25.5	320	68,431	8.77	2.74	111	8.9	18.1	26.8	22.0	3,872	19,168	10.39
Class IV	231	191	31.1	13.4	17.6	15.7	400	43,372	9.01	2.25	115	10.1	18.7	20.8	18.7	3,541	13,185	8.40
Class V	291	225	24.4	15.8	13.6	15.5	315	35,050	7.41	2.36	125	7.6	20.4	16.9	17.5	3,072	12,830	8.76
Class VI	285	225	23.9	15.8	8.6	8.7	351	22,380	8.37	2.38	70	3.6	11.4	4.9	4.8	3,275	4,140	10.35
Other farms	1,151	480	12.5	33.7	13.5	13.6	354	36,055	8.67	2.45	145	3.0	23.6	13.2	11.8	3,584	10,385	10.54
Area 2	9,726	7,393	51.1	100.0	100.0	100.0	374	3,052,962	8.56	2.29	2,966	9.7	100.0	100.0	100.0	2,208	554,764	8.19
Commercial farms	6,450	5,882	52.9	79.6	95.4	95.7	373	2,917,754	8.54	2.29	2,600	9.9	87.7	94.9	94.7	2,212	527,336	8.21
Class I	326	294	60.0	4.0	16.1	15.2	395	541,423	9.98	2.53	193	12.9	6.5	18.6	17.2	2,392	91,302	7.85
Class II	1,511	1,451	56.5	19.6	36.8	36.2	380	1,100,721	8.52	2.24	891	11.4	30.0	38.8	38.5	2,226	215,574	8.26
Class III	1,836	1,760	51.6	23.8	25.0	26.1	358	746,880	8.02	2.24	760	8.6	25.6	21.8	22.8	2,113	123,990	8.02
Class IV	1,242	1,152	47.0	15.6	10.5	10.9	358	318,135	8.16	2.28	431	7.6	14.5	8.5	9.3	2,032	57,390	9.15
Class V	955	825	44.4	11.2	5.4	5.7	359	163,320	8.06	2.25	245	8.5	8.3	6.0	5.7	2,317	32,530	8.39
Class VI	580	400	33.0	5.4	1.6	1.6	373	47,275	8.10	2.17	80	4.7	2.7	1.1	1.2	2,000	6,550	7.84
Other farms	3,276	1,511	28.5	20.4	4.6	4.3	404	135,208	8.88	2.20	366	6.7	12.3	5.1	5.3	2,129	27,428	7.68
Areas A and B	6,758	4,790	41.9	100.0	100.0	100.0	513	2,092,931	12.46	2.43	1,847	11.5	100.0	100.0	100.0	1,723	329,875	7.13
Commercial farms	4,424	3,846	43.5	80.3	94.4	94.1	515	1,987,940	12.58	2.44	1,615	12.0	87.4	93.3	94.6	1,701	310,970	7.11
Class I	286	254	44.0	5.3	15.6	17.6	454	327,379	11.06	2.44	171	16.4	9.3	18.5	23.8	1,339	69,496	6.30
Class II	665	620	51.3	12.9	28.1	28.5	506	596,661	12.47	2.46	358	12.9	19.4	31.8	26.0	2,103	99,353	8.25
Class III	867	762	42.3	15.9	22.7	20.9	556	488,465	13.92	2.50	356	11.1	19.3	18.3	20.0	1,579	60,711	6.57
Class IV	1,230	1,100	40.0	23.0	17.7	17.0	534	367,380	12.87	2.41	375	9.3	20.3	15.0	14.4	1,787	51,740	7.76
Class V	910	765	36.8	16.0	7.9	7.8	516	157,530	12.00	2.32	265	11.3	14.3	7.0	8.7	1,374	24,485	6.06
Class VI	466	345	29.7	7.2	2.5	2.3	562	50,525	13.24	2.36	90	5.6	4.9	2.8	1.5	3,119	5,185	7.25
Other farms	2,334	944	26.8	19.7	5.6	5.9	481	104,991	10.56	2.20	232	6.8	12.6	6.7	5.4	2,125	18,905	7.55
Area 3	4,128	3,555	43.4	100.0	100.0	100.0	572	1,142,038	14.48	2.53	730	5.8	100.0	100.0	100.0	1,862	104,490	9.94
Commercial farms	3,097	2,900	44.3	81.6	94.2	94.2	572	1,076,708	14.50	2.53	650	6.0	89.0	94.9	95.4	1,854	99,375	9.91
Class I	33	33	61.4	0.9	3.3	3.6	529	36,850	13.16	2.49	15	2.6	2.1	1.6	1.1	2,583	1,425	11.88
Class II	180	174	49.3	4.9	17.4	16.1	619	190,698	15.05	2.43	57	5.1	7.8	10.6	12.6	1,568	12,135	9.19
Class III	646	616	43.3	17.3	28.8	31.1	529	333,900	13.61	2.57	196	7.6	26.8	41.2	41.3	1,859	45,175	10.42
Class IV	1,048	982	46.7	27.6	27.2	27.1	575	311,450	14.59	2.54	197	5.7	27.0	24.5	24.9	1,833	25,285	9.65
Class V	985	940	41.7	26.4	16.4	15.3	614	190,870	15.83	2.58	170	5.3	23.3	15.5	14.5	1,987	13,745	9.01
Class VI	205	155	14.9	4.4	1.1	1.1	567	12,940	14.79	2.61	15	1.8	2.1	1.6	1.0	2,952	1,610	15.33
Other farms	1,031	655	32.5	18.4	5.8	5.8	575	65,330	14.30	2.49	80	3.4	11.0	5.1	4.6	2,041	5,115	10.55
Area 4a	4,999	3,871	62.8	100.0	100.0	100.0	415	3,524,209	10.23	2.46	1,626	10.6	100.0	100.0	100.0	1,885	487,717	8.38
Commercial farms	3,619	3,241	64.2	83.7	98.4	98.3	415	3,469,569	10.24	2.47	1,536	10.9	94.5	98.2	98.6	1,877	480,182	8.37
Class I	236	200	68.3	5.2	22.8	16.4	579	777,132	13.78	2.38	122	14.0	7.5	19.9	20.0	1,880	100,466	8.66
Class II	1,169	1,078	68.8	27.8	42.1	44.6	392	1,459,742	9.50	2.42	622	10.7	38.3	45.0	41.2	2,057	220,505	9.19
Class III	918	868	62.1	22.4	20.8	23.6	366	747,930	9.20	2.51	402	10.6	24.7	20.8	23.8	1,644	98,431	7.10
Class IV	671	615	56.9	15.9	8.8	9.5	383	351,905	10.73	2.80	250	10.0	15.4	9.5	9.9	1,819	49,110	8.54
Class V	440	355	43.0	9.2	3.2	3.5	378	112,875	9.39	2.49	115	6.9	7.1	2.6	3.3	1,510	9,725	5.07
Class VI	185	125	46.8	3.2	0.6	0.7	343	19,985	8.14	2.37	25	4.9	1.5	0.3	0.4	1,490	1,945	7.63
Other farms	1,380	630	28.4	16.3	1.6	1.7	401	54,640	9.35	2.33	90	3.8	5.5	1.8	1.4	2,506	7,535	9.54
Area 4b	4,568	3,404	67.2	100.0	100.0	100.0	521	2,764,723	13.03	2.50	1,314	12.5	100.0	100.0	100.0	1,337	301,055	7.60
Commercial farms	3,299	2,722	68.9	80.0	96.9	96.6	523	2,682,916	13.10	2.50	1,174	12.9	89.3	96.8	96.8	1,337	291,135	7.60
Class I	392	267	78.8	7.8	36.6	30.0	636	983,944	15.46	2.43	192	18.7	14.6	44.6	38.1	1,568	119,050	7.90
Class II	779	629	72.7	18.5	29.1	31.5	483	833,815	12.49	2.59	289	10.5	22.0	20.6	24.3	1,134	68,752	7.16
Class III	627	512	58.7	15.0	13.9	14.9	487	386,917	12.26	2.52	251	11.4	19.1	12.9	15.5	1,110	49,591	8.08
Class IV	602	561	68.0	16.5	11.0	12.8	448	306,920	11.33	2.53	255	10.5	19.4	11.3	10.6	1,434	33,100	7.90
Class V	497	441	52.0	13.0	4.8	5.3	472	128,220	11.43	2.42	126	12.6	9.6	6.1	6.8	1,192	16,760	6.18
Class VI	402	312	49.0	9.2	1.5	2.2	370	43,100	9.38	2.54	61	6.5	4.6	1.3	1.5	1,105	3,882	6.36
Other farms	1,269	682	39.0	20.0	3.1	3.4	465	81,807	11.24	2.42	140	6.8	10.7	3.2	3.2	1,339	9,920	7.81
Massachusetts, total	17,316	7,984	29.3	100.0	100.0	100.0	691	3,461,376	20.94	3.03	3,010	5.9	100.0	100.0	100.0	2,326	282,921	8.55
Commercial farms	10,961	6,097	32.1	76.4	91.0	90.2	697	3,197,274	21.43	3.07	2,350	6.2	78.1	87.0	86.7	2,334	248,132	8.65
Class I	1,100	727	46.0	9.1	34.5	28.2	844	1,136,624	24.34	2.88	341	8.5	11.3	22.8	26.1	2,033	69,226	8.02
Class II	2,545	1,682	37.1	21.1	27.2	30.8	611	982,037	19.29	3.16	778	6.7	25.8	32.5	27.8	2,720	91,751	9.98
Class III	2,498	1,581	28.3	19.8	17.8	18.4	668	653,320	21.51	3.22	616	6.1	20.5	20.6	19.7	2,440	56,735	8.72
Class IV	2,167	1,021	18.4	12.8	7.2	7.6	650	267,380	21.22	3.26	360	4.1	12.0	6.8	8.5	1,865	20,730	7.34
Class V	1,775	790	20.3	9.9	3.5	4.3	552	123,825	17.28	3.13	200	3.8	6.6	3.8	4.0	2,217	8,995	6.74
Class VI	876	296	9.1	3.7	0.9	0.9	734	34,088	23.74	3.23	55	1.4	1.8	0.5	0.6	1,628	695	3.23
Other farms	6,355	1,887	16.3	23.6	9.0	9.8	637	264,102	16.36	2.57	660	4.5	21.9	13.0	13.3	2,273	34,789	7.91

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer									Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Massachusetts—Continued																		
Area 1	2,628	1,352	20.4	100.0	100.0	100.0	786	635,338	24.60	3.13	421	3.4	100.0	100.0	100.0	2,638	26,314	6.04
Commercial farms	1,546	978	22.3	72.3	94.0	91.6	807	593,335	25.10	3.11	328	3.6	77.9	87.3	86.5	2,661	22,468	5.96
Class I	131	95	37.9	7.0	29.6	22.9	1,016	160,025	27.05	2.66	12	1.0	2.9	2.9	3.5	2,224	1,053	6.93
Class II	383	317	28.0	23.4	35.4	36.8	754	228,747	24.04	3.19	156	4.9	37.1	39.3	38.1	2,723	11,380	6.86
Class III	401	290	19.8	21.4	19.5	21.2	720	136,180	24.83	3.45	100	5.7	23.8	36.0	36.0	2,637	6,915	4.40
Class IV	320	155	10.6	11.5	7.0	6.3	866	44,795	27.48	3.17	40	1.2	9.5	3.9	4.4	2,368	1,155	6.08
Class V	175	80	11.3	5.9	1.9	3.3	440	16,825	19.68	4.47	20	2.6	4.8	5.1	4.6	2,950	1,965	9.82
Class VI	136	41	4.3	3.0	0.8	0.9	647	6,763	28.06	4.34	...	...	...	...	...	...	...	...
Other farms	1,082	374	10.5	27.7	6.0	8.4	556	42,003	19.26	3.47	93	2.8	22.1	12.7	13.5	2,490	3,846	6.54
Area A	3,008	1,887	39.3	100.0	100.0	100.0	992	1,307,700	33.34	3.36	727	9.0	100.0	100.0	100.0	2,265	77,980	8.64
Commercial farms	1,802	1,376	43.1	72.9	94.2	92.1	1,016	1,244,829	34.47	3.39	562	9.3	77.3	88.2	86.4	2,311	69,535	8.92
Class I	170	134	57.7	7.1	43.6	27.4	1,579	524,164	48.80	3.09	71	15.2	9.8	25.5	31.4	1,844	21,755	7.69
Class II	332	262	53.9	13.9	20.2	26.1	771	296,230	28.99	3.76	136	10.8	18.7	29.1	22.8	2,891	21,710	10.56
Class III	465	415	40.7	22.0	19.0	24.4	770	259,110	27.02	3.51	205	7.8	28.2	25.3	20.4	2,815	20,375	11.07
Class IV	395	275	24.4	14.6	7.6	8.9	843	112,115	31.94	3.79	100	4.9	13.8	6.7	7.9	1,915	4,555	6.42
Class V	350	230	29.3	12.2	3.5	4.7	735	49,425	26.72	3.63	45	5.6	6.2	1.5	3.9	873	1,125	3.17
Class VI	90	60	10.5	3.2	0.3	0.5	650	3,785	18.92	2.91	5	0.3	0.7	(Z)	0.1	2,000	15	3.00
Other farms	1,206	511	19.4	27.1	5.8	7.9	721	62,871	20.17	2.80	165	7.7	22.7	11.8	13.6	1,967	8,445	6.87
Area B	3,273	1,237	23.8	100.0	100.0	100.0	471	414,789	13.01	2.76	539	4.0	100.0	100.0	100.0	2,678	59,241	10.92
Commercial farms	1,999	943	27.0	76.2	89.0	90.8	462	373,830	12.90	2.80	460	4.6	85.3	91.0	90.6	2,690	54,601	11.10
Class I	205	135	41.0	10.9	33.6	33.9	468	141,230	13.08	2.80	94	5.5	17.4	30.0	26.6	3,019	18,836	13.05
Class II	487	332	32.5	26.8	30.3	31.9	447	118,295	11.63	2.60	180	6.3	33.4	37.2	36.1	2,760	22,230	11.34
Class III	437	216	18.8	17.5	13.3	14.1	447	62,575	13.95	3.12	71	2.9	13.2	11.4	12.8	2,378	6,480	9.34
Class IV	375	130	14.8	10.5	7.2	7.1	475	34,255	15.12	3.18	75	3.4	13.9	8.3	9.5	2,350	5,000	9.71
Class V	320	95	14.6	7.7	3.1	3.1	479	10,750	10.91	2.28	40	4.5	7.4	4.1	5.6	1,967	2,055	6.74
Class VI	175	35	7.2	2.8	1.4	0.8	815	6,725	2,538	3.11	...	...	...	...	...	...	...	...
Other farms	1,274	294	10.8	23.8	11.0	9.2	568	40,959	14.03	2.47	79	1.9	14.7	9.0	9.4	2,569	4,640	9.10
Area C	4,386	1,884	33.0	100.0	100.0	100.0	617	664,905	17.10	2.77	738	7.0	100.0	100.0	100.0	1,837	67,118	8.09
Commercial farms	3,045	1,538	34 4	81.6	84.1	84.9	611	577,730	17.49	2.86	577	7.3	78.2	83.2	84.9	1,800	57,107	8.10
Class I	344	197	45.0	10.5	24.5	22.5	671	164,105	18.74	2.79	92	8.3	12.5	22.3	19.5	2,105	15,472	9.56
Class II	691	401	42.0	21.3	28.3	28.6	609	199,650	17.94	2.94	165	8.3	22.4	30.7	26.4	2,137	20,415	9.32
Class III	710	415	31.8	22.0	18.5	18.7	611	127,530	17.55	2.87	160	7.5	21.7	17.1	20.7	1,517	12,460	7.24
Class IV	570	235	19.9	12.5	6.7	8.0	516	44,570	14.31	2.77	80	7.4	10.8	8.7	14.0	1,147	6,670	5.75
Class V	480	185	25.8	9.8	4.6	5.8	493	30,170	13.41	2.72	45	2.2	6.1	2.4	2.3	1,846	1,550	7.95
Class VI	250	105	17.8	5.6	1.6	1.3	737	11,705	22.95	3.11	35	5.7	4.7	2.0	2.0	1,818	540	3.27
Other farms	1,341	346	26.9	18.4	15.9	15.1	649	87,175	14.87	2.29	161	5.7	21.8	16.8	15.1	2,048	10,011	8.01
Areas 2, D, and E	4,021	1,624	34.5	100.0	100.0	100.0	545	438,644	14.87	2.73	585	7.0	100.0	100.0	100.0	2,550	52,268	8.73
Commercial farms	2,569	1,262	37.8	77.7	91.5	93.0	536	407,550	14.86	2.77	423	7.1	72.3	85.3	86.3	2,521	44,421	8.59
Class I	250	166	48.5	10.2	34.4	35.6	528	147,100	14.02	2.66	72	11.9	12.3	27.6	43.2	1,632	12,110	4.68
Class II	652	370	37.4	22.8	29.3	33.5	477	139,115	14.09	2.96	141	5.0	24.1	29.2	22.2	3,357	16,016	12.05
Class III	485	245	38.5	15.1	15.7	12.0	711	67,925	19.13	2.69	80	7.4	13.7	15.0	11.4	3,368	10,505	15.45
Class IV	507	226	27.0	13.9	7.1	7.1	546	31,645	15.21	2.79	65	3.2	11.1	6.0	4.2	3,680	3,350	13.40
Class V	450	200	20.7	12.3	4.0	4.2	522	16,655	13.60	2.60	50	4.7	8.5	7.2	4.7	3,929	2,300	8.21
Class VI	225	55	13.3	3.4	1.1	0.7	800	5,110	23.23	2.90	15	2.7	2.6	0.3	0.8	889	140	3.11
Other farms	1,452	362	15.9	22.3	8.5	7.0	661	31,094	15.08	2.28	162	6.3	27.7	14.7	13.7	2,735	7,847	9.58
Michigan, total	138,943	98,755	41.6	100.0	100.0	100.0	251	32,832,859	7.25	2.89	13,653	2.1	100.0	100.0	100.0	3,913	1,542,826	6.86
Commercial farms	98,161	81,041	44.4	82.1	94.7	94.8	250	31,163,156	7.26	2.90	12,078	2.2	88.5	94.0	93.3	3,943	1,437,722	6.85
Class I	1,542	1,435	63.0	1.5	9.2	6.1	379	3,094,898	11.30	2.98	366	3.8	2.7	8.4	7.4	4,419	125,311	7.51
Class II	10,831	10,423	57.5	10.6	26.6	25.4	262	8,983,736	7.81	2.98	2,148	2.5	15.7	22.1	22.4	3,871	371,686	7.39
Class III	22,556	21,326	48.8	21.6	28.4	30.4	234	9,392,354	6.83	2.91	3,624	2.3	26.5	29.5	28.5	4,046	424,712	6.62
Class IV	27,473	23,927	39.6	24.2	19.1	20.8	229	6,040,646	6.40	2.79	3,255	1.9	23.8	20.9	20.5	4,000	317,678	6.89
Class V	26,029	19,078	29.0	19.3	9.9	10.4	237	3,128,037	6.64	2.80	2,285	1.8	16.7	11.6	12.9	3,520	176,040	6.05
Class VI	9,730	4,852	19.0	4.9	1.7	1.7	239	523,485	6.62	2.78	400	0.9	2.9	1.5	1.6	3,577	22,295	6.08
Other farms	40,782	17,714	19.1	17.9	5.3	5.2	257	1,669,703	7.15	2.78	1,575	1.2	11.5	6.0	6.7	3,499	105,104	7.01
Area 1	3,832	1,243	9.2	100.0	100.0	100.0	349	177,765	9.47	2.71	477	2.5	100.0	100.0	100.0	4,828	30,030	5.93
Commercial farms	2,218	912	10.5	73.4	85.7	87.3	343	153,075	9.34	2.73	352	2.6	73.8	81.3	80.5	4,874	24,870	6.10
Class I	11	10	67.1	0.8	8.4	7.7	379	14,250	9.83	2.59	...	...	...	...	...	...	...	...
Class II	70	55	26.3	4.4	14.9	12.0	434	25,850	11.49	2.65	15	1.8	3.1	2.9	3.1	4,645	1,140	7.35
Class III	205	134	13.5	10.8	16.0	17.4	322	29,560	9.06	2.81	76	3.4	15.9	16.0	16.3	4,739	5,150	6.24
Class IV	679	378	11.8	30.4	29.4	33.3	308	53,965	8.63	2.80	146	3.4	30.6	35.2	35.6	4,783	10,020	5.57
Class V	942	265	4.8	21.3	14.3	13.9	360	24,480	9.40	2.61	95	1.9	19.9	23.3	20.2	5,578	7,040	6.90
Class VI	311	70	3.9	5.6	2.6	3.0	302	4,970	8.72	2.89	20	1.9	4.2	3.8	5.4	3,382	1,520	5.53
Other farms	1,614	331	5.0	26.6	14.3	12.7	393	24,690	10.33	2.63	125	2.1	26.2	18.7	19.5	4,640	5,160	5.24
Area 2	4,382	1,954	14.5	100.0	100.0	100.0	268	385,256	7.46	2.79	128	0.4	100.0	100.0	100.0	2,469	6,542	4.11
Commercial farms	3,080	1,722	15.9	88.1	94.2	93.5	270	365,417	7.57	2.80	113	0.5	88.3	90.1	91.8	2,422	5,892	4.04
Class I	5	5	100.0	0.3	5.8	3.0	516	28,000	18.06	3.50	...	...	...	...	...	...	...	...
Class II	125	109	29.3	5.6	12.8	12.3	278	54,339	8.53	3.07	2	0.4	1.6	7.8	5.3	3,600	437	5.14
Class III	463	335	18.3	17.1	26.3	25.3	278	98,845	7.56	2.72	21	0.3	16.4	14.8	14.8	2,468	1,425	6.06
Class IV	972	666	17.3	34.1	33.2	35.2	253	125,587	6.91	2.74	55	0.7	43.0	42.0	45.6	2,276	2,170	2.99
Class V	1,123	491	9.4	25.1	14.2	15.5	245	51,566	6.43	2.62	30	0.5	23.4	23.9	25.2	2,350	1,730	4.33
Class VI	392	116	6.0	5.9	1.9	2.1	247	7,080	6.52	2.64	5	0.1	3.9	1.5	0.9	4,000	130	8.67
Other farms	1,302	232	6.3	11.9	5.8	6.5	236	19,839	5.87	2.49	15	0.3	11.7	9.9	8.2	3,000	650	5.00
Area 3	6,355	4,186	25.0	100.0	100.0	100.0	283	1,088,006	9.52	3.37	735	2.1	100.0	100.0	100.0	3,754	62,560	6.50
Commercial farms	3,819	3,165	30.1	75.6	91.0	91.4	281	998,618	9.57	3.40	620	2.5	84.4	93.1	91.3	3,827	57,200	6.51
Class I	116	116	57.8	2.8	16.0	12.1	376	181,933	13.20	3.51	45	3.6	6.1	9.5	9.0	3,988	6,310	7.29
Class II	277	256	44.7	6.1	15.6	14.8	297	170,050	10.03	3.37	55	2.6	7.5	10.0	10.1	3,723	6,215	6.37
Class III	653	627	37.0	15.0	22.9	24.0	270	249,565	9.12	3.38	200	4.5	27.2	35.3	34.8	3,809	21,510	6.43
Class IV	1,022	880	25.0	21.0	18.5	20.5	255	192,315	8.22	3.22	195	3.3	26.5	27.4	25.0	4,104	15,890	6.59
Class V	1,131	921	22.2	22.0	14.3	16.0	252	160,195	8.75	3.47	105	1.3	14.3	9.3	11.0	3,160	6,000	5.66
Class VI	620	365	12.9	8.7	3.7	4.0	265	44,560	9.78	3.69	20	0.4	2.7	1.5	1.4	4,308	1,275	9.81
Other farms	2,536	1,021	9.0	24.4	9.0	8.6	294	89,388	9.09	3.09	115	0.8	15.6	6.9	8.7	2,988	5,360	6.38

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Michigan—Continued																		
Area 4a	10,046	5,662	19.7	100.0	100.0	100.0	283	1,351,056	8.42	2.98	1,406	2.5	100.0	100.0	100.0	3,382	110,069	5.50
Commercial farms	6,648	4,576	22.2	80.8	92.8	92.4	284	1,255,456	8.47	2.98	1,171	2.6	83.3	90.6	88.1	3,480	96,264	5.46
Class I	40	34	43.5	0.6	5.9	3.3	508	82,907	15.63	3.08	12	5.4	0.9	7.3	3.3	7,497	2,608	3.95
Class II	291	268	44.7	4.7	17.5	14.8	334	244,131	10.28	3.08	100	3.8	7.1	11.9	10.2	3,958	12,624	6.18
Class III	1,028	923	30.1	16.3	27.4	26.5	293	377,424	8.89	3.03	271	3.3	19.3	23.9	23.2	3,477	26,410	5.68
Class IV	1,820	1,508	23.2	26.6	24.4	27.9	248	328,209	7.33	2.96	367	2.4	26.1	23.5	23.5	3,385	26,785	5.70
Class V	2,394	1,423	13.1	25.1	15.3	16.7	259	194,720	7.27	2.80	376	2.4	26.7	20.3	24.4	2,814	24,102	4.93
Class VI	1,075	420	7.9	7.4	2.2	3.2	199	28,065	5.52	2.77	45	1.1	3.2	3.6	3.4	3,618	3,735	5.49
Other farms	3,398	1,086	8.4	19.2	7.2	7.6	267	95,600	7.81	2.92	235	1.6	16.7	9.4	11.9	2,657	13,805	5.78
Area 4b	8,195	4,286	18.7	100.0	100.0	100.0	244	785,836	6.61	2.72	396	1.0	100.0	100.0	100.0	3,496	39,997	6.27
Commercial farms	5,462	3,396	20.7	79.2	90.9	91.9	241	717,916	6.57	2.73	351	1.1	88.6	96.0	94.6	3,547	38,687	6.41
Class I	24	18	32.4	0.4	2.9	2.3	307	24,637	9.01	2.93	1	0.3	0.3	0.4	0.4	4,000	250	10.00
Class II	176	154	34.9	3.6	11.7	10.7	266	95,397	7.48	2.81	23	1.4	5.8	10.3	7.9	4,558	4,324	8.61
Class III	670	576	28.4	13.4	24.9	22.6	269	196,571	7.32	2.73	106	2.7	26.8	33.4	40.5	2,888	11,427	4.43
Class IV	1,448	1,075	22.4	25.1	28.0	31.8	215	213,450	5.65	2.63	107	0.8	27.0	24.5	22.2	3,866	10,713	7.57
Class V	1,954	1,128	14.2	26.3	17.7	18.7	231	138,331	6.24	2.71	94	0.8	23.7	24.9	20.4	4,260	10,113	7.77
Class VI	1,190	445	11.0	10.4	5.7	5.8	239	49,530	7.14	2.99	20	0.3	5.1	2.5	3.3	2,619	1,860	8.86
Other farms	2,733	890	9.0	20.8	9.1	8.1	272	67,920	7.05	2.59	45	0.3	11.4	4.0	5.4	2,609	1,310	3.80
Areas 5a and A	15,441	12,079	51.3	100.0	100.0	100.0	246	4,279,163	6.87	2.79	730	0.9	100.0	100.0	100.0	3,104	70,755	6.31
Commercial farms	11,626	10,189	53.5	84.4	95.5	94.9	248	4,093,703	6.92	2.79	635	0.9	87.0	90.1	91.0	3,076	61,900	6.07
Class I	173	167	71.2	1.4	9.5	6.4	369	405,743	10.22	2.77	20	2.2	2.7	9.7	10.9	2,759	8,195	6.69
Class II	1,257	1,217	66.5	10.1	26.0	23.8	269	1,125,130	7.58	2.82	90	0.7	12.3	17.3	14.0	3,835	11,590	7.36
Class III	2,940	2,805	57.2	23.2	29.6	31.6	231	1,299,410	6.61	2.85	165	0.8	22.6	16.6	23.8	2,164	12,200	4.56
Class IV	3,451	3,180	47.6	26.3	19.7	21.8	224	827,445	6.10	2.73	220	1.1	30.1	26.2	27.4	2,971	18,405	6.00
Class V	2,940	2,325	37.5	19.2	9.0	9.8	228	375,910	6.17	2.70	125	0.9	17.1	19.0	13.0	4,543	10,080	6.93
Class VI	865	495	28.1	4.1	1.5	1.6	225	60,065	5.86	2.60	15	0.6	2.1	1.3	1.8	2,195	1,430	6.98
Other farms	3,815	1,890	29.0	15.6	4.5	5.1	221	185,460	5.88	2.66	95	0.9	13.0	9.9	9.0	3,389	8,855	8.72
Area 5b	11,429	10,104	56.7	100.0	100.0	100.0	239	4,475,226	6.88	2.88	311	0.4	100.0	100.0	100.0	3,526	31,375	7.16
Commercial farms	9,628	9,118	58.2	90.2	97.9	97.7	239	4,386,903	6.90	2.89	281	0.4	90.4	90.4	94.4	3,374	28,795	6.96
Class I	145	145	75.5	1.4	7.9	5.4	346	364,628	10.31	2.98	6	0.2	1.9	3.9	2.4	5,810	1,160	11.05
Class II	1,417	1,412	68.9	14.0	30.3	27.7	261	1,420,496	7.87	3.02	40	0.2	12.9	23.1	14.1	5,758	7,770	12.53
Class III	2,711	2,671	58.6	26.4	30.7	32.5	225	1,392,824	6.58	2.92	110	0.4	35.4	29.6	35.7	2,927	9,610	6.14
Class IV	2,815	2,760	52.5	27.3	19.5	22.2	210	826,295	5.72	2.73	95	0.5	30.5	26.1	32.3	2,848	7,550	5.34
Class V	1,930	1,750	45.5	17.3	8.3	8.7	229	338,875	5.99	2.62	30	0.3	9.6	7.6	9.9	2,713	2,705	6.22
Class VI	610	380	30.1	3.8	1.1	1.1	244	43,785	6.15	2.52	...	...	...	...	...	...	...	...
Other farms	1,801	986	27.6	9.8	2.1	2.3	221	88,323	5.91	2.67	30	0.5	9.6	9.6	5.6	6,082	2,580	10.53
Areas 6a, B, and C	12,655	8,709	39.5	100.0	100.0	100.0	273	2,513,696	8.11	2.97	1,770	3.4	100.0	100.0	100.0	3,862	191,005	7.25
Commercial farms	8,754	7,248	43.0	83.2	94.3	94.5	272	2,375,115	8.11	2.98	1,610	3.6	91.0	94.1	93.5	3,886	178,280	7.24
Class I	168	148	64.4	1.7	10.6	6.5	447	287,935	14.30	3.20	65	5.4	3.7	6.5	6.4	3,953	15,360	9.12
Class II	1,005	940	51.1	10.8	23.9	22.8	286	609,380	8.63	3.02	340	4.8	19.2	24.9	25.2	3,804	50,730	7.63
Class III	1,996	1,890	46.9	21.7	26.5	28.8	251	673,745	7.55	3.00	455	3.8	25.7	27.5	27.5	3,862	46,835	6.46
Class IV	2,655	2,245	39.9	25.8	21.2	23.5	246	510,120	7.00	2.85	370	2.5	20.9	20.7	17.7	4,529	42,110	9.06
Class V	2,260	1,720	31.4	19.7	10.8	11.6	255	263,525	7.34	2.88	305	3.4	17.2	12.5	14.7	3,288	19,855	5.14
Class VI	670	305	16.5	3.5	1.3	1.3	269	30,410	7.42	2.76	75	2.2	4.2	2.0	2.0	3,738	3,390	6.34
Other farms	3,901	1,461	16.4	16.8	5.7	5.5	282	138,581	8.11	2.88	160	1.6	9.0	5.9	6.5	3,522	12,725	7.42
Area 6b	8,078	6,472	51.3	100.0	100.0	100.0	336	2,362,675	10.86	3.24	1,283	4.2	100.0	100.0	100.0	3,935	139,049	7.77
Commercial farms	5,353	4,817	55.2	74.4	93.8	93.7	336	2,220,300	10.88	3.24	1,103	4.5	86.0	94.5	93.7	3,969	131,454	7.83
Class I	195	190	65.3	2.9	13.5	9.3	485	329,508	16.26	3.35	58	6.7	4.5	10.9	11.7	3,682	18,864	9.01
Class II	693	682	64.5	10.5	27.8	27.1	344	670,017	11.35	3.30	255	5.0	19.9	26.6	25.4	4,128	42,845	9.43
Class III	1,105	1,075	59.2	16.6	25.3	27.5	309	599,080	10.01	3.24	330	4.8	25.7	30.4	27.1	4,419	36,300	7.49
Class IV	1,300	1,165	50.8	18.0	14.9	16.5	304	345,165	9.60	3.16	260	4.0	20.3	14.6	15.6	3,675	19,805	7.07
Class V	1,400	1,220	39.5	18.9	9.7	10.5	310	222,670	9.73	3.14	160	3.8	12.5	10.7	12.4	3,413	12,140	5.48
Class VI	660	485	34.9	7.5	2.6	2.8	310	53,860	8.93	2.88	40	1.6	3.1	1.2	1.6	3,071	1,500	5.36
Other farms	2,725	1,655	25.0	25.6	6.2	6.3	335	142,375	10.46	3.12	180	2.1	14.0	5.5	6.3	3,429	7,595	6.78
Area 7, D, and E	22,800	17,403	45.4	100.0	100.0	100.0	228	5,878,101	6.51	2.86	2,252	2.0	100.0	100.0	100.0	3,439	290,035	7.36
Commercial farms	16,582	14,540	46.9	83.5	94.2	94.6	227	5,558,842	6.50	2.87	2,088	2.0	92.7	93.8	94.3	3,420	271,941	7.32
Class I	157	140	57.6	0.8	5.4	3.3	372	312,053	10.50	2.82	37	3.3	1.6	5.4	4.3	4,275	16,071	9.45
Class II	2,360	2,305	53.6	13.2	31.2	30.1	237	1,923,929	7.08	2.99	521	2.5	23.1	29.5	31.5	3,218	92,495	7.44
Class III	4,445	4,290	49.2	24.7	30.1	32.4	211	1,759,720	6.01	2.84	730	2.1	32.4	31.6	31.2	3,488	87,125	7.10
Class IV	4,480	4,025	42.3	23.1	17.4	18.1	219	985,630	6.02	2.75	420	1.7	18.7	18.5	16.8	3,781	49,830	7.52
Class V	4,005	3,175	35.4	18.2	8.9	9.4	216	510,125	5.99	2.77	330	1.5	14.7	7.8	9.0	2,996	24,280	6.85
Class VI	1,135	605	29.0	3.5	1.2	1.3	210	67,385	5.84	2.78	50	1.4	2.2	1.0	1.5	2,278	2,140	3.72
Other farms	6,218	2,863	29.0	16.5	5.8	5.4	246	319,259	6.57	2.67	164	1.3	7.3	6.2	5.7	3,754	18,094	8.04
Areas 8 and F	15,994	12,160	49.2	100.0	100.0	100.0	260	3,933,167	7.11	2.73	869	1.9	100.0	100.0	100.0	2,470	129,675	5.96
Commercial farms	10,272	9,013	51.7	74.1	93.1	93.2	260	3,672,509	7.13	2.74	768	2.0	88.4	91.8	92.9	2,440	119,150	5.89
Class I	205	182	58.0	1.5	10.9	7.3	387	446,232	11.02	2.85	36	4.9	4.1	13.1	15.7	2,060	14,249	4.17
Class II	1,345	1,265	60.6	10.4	26.8	26.5	263	1,104,542	7.54	2.86	192	2.7	22.1	24.7	29.7	2,053	32,741	5.07
Class III	2,565	2,425	51.5	19.9	26.1	27.8	244	1,020,835	6.63	2.71	215	1.6	24.7	26.4	21.4	3,048	29,895	6.42
Class IV	2,715	2,485	49.2	20.4	17.4	18.6	243	660,235	6.41	2.64	180	1.6	20.7	17.9	15.6	2,847	28,230	8.33
Class V	2,450	2,015	41.9	16.6	9.9	10.6	242	365,585	6.23	2.58	140	1.6	16.1	9.7	10.6	2,265	13,980	6.08
Class VI	992	641	34.7	5.3	2.1	2.3	238	75,080	6.03	2.53	5	(Z)	0.6	(Z)	(Z)	2,000	55	11.00
Other farms	5,722	3,147	29.9	25.9	6.9	6.8	261	260,658	6.89	2.64	101	1.2	11.6	8.2	7.1	2,854	10,525	6.81
Area 9a	8,533	6,787	52.4	100.0	100.0	100.0	234	2,607,525	6.53	2.79	915	2.0	100.0	100.0	100.0	4,316	99,800	6.65
Commercial farms	7,078	6,122	53.4	90.2	96.8	97.0	233	2,523,770	6.52	2.79	870	2.0	95.1	98.1	97.7	4,334	97,425	6.64
Class I	123	117	67.6	1.7	8.8	6.5	314	227,775	8.73	2.78	20	1.4	2.2	4.3	3.5	5,352	3,435	6.54
Class II	875	850	59.6	12.5	28.0	26.5	247	737,580	6.97	2.82	160	2.3	17.5	27.5	26.8	4,435	29,860	7.43
Class III	1,930	1,815	53.3	26.7	30.6	32.8	218	811,440	6.19	2.84	270	2.1	29.5	35.6	34.2	4,489	31,850	6.20
Class IV	1,985	1,795	51.0	26.4	19.7	20.7	223	491,670	5.96	2.67	215	1.8	23.5	19.3	19.8	4,222	20,410	6.87
Class V	1,615	1,295	42.9	19.1	8.6	9.1	219	228,280	6.25	2.85	145	2.0	15.8	9.7	11.1	3,766	9,785	5.86
Class VI	550	250	32.2	3.7	1.1	1.3	201	27,025	5.34	2.65	60	2.2	6.6	1.6	2.3	3,014	2,085	6.04
Other farms	1,455	665	33.3	9.8	3.2	3.0	246	83,755	6.91	2.81	45	1.0	4.9	1.9	2.3	3,571	2,375	6.79

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer									Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Michigan—Continued																		
Areas 9b and G	11,203	7,710	41.3	100.0	100.0	100.0	241	2,995,387	7.36	3.06	2,381	4.7	100.0	100.0	100.0	5,387	341,934	7.38
Commercial farms	7,641	6,223	43.8	80.7	94.9	95.0	240	2,841,532	7.35	3.06	2,116	5.0	88.9	96.5	95.6	5,438	325,864	7.36
Class I	180	163	60.2	2.1	13.4	9.2	351	389,297	10.40	2.96	66	7.1	2.8	11.9	9.5	6,782	38,809	8.83
Class II	940	910	52.3	11.8	26.2	26.1	241	802,895	7.56	3.13	355	5.1	14.9	22.1	22.2	5,358	78,915	7.68
Class III	1,845	1,760	46.2	22.8	29.1	31.2	224	883,335	6.95	3.10	675	5.1	28.3	31.7	30.5	5,584	104,975	7.42
Class IV	2,131	1,765	38.1	22.9	16.3	18.4	214	480,560	6.41	3.00	625	5.1	26.2	20.5	21.8	5,052	65,760	6.51
Class V	1,885	1,350	30.8	17.5	8.7	9.0	233	253,775	6.92	2.97	350	4.1	14.7	9.2	10.7	4,648	34,230	6.94
Class VI	660	275	15.9	3.6	1.1	1.0	263	31,670	7.43	2.82	45	1.5	1.9	1.2	0.9	7,024	3,175	7.74
Other farms	3,562	1,487	19.8	19.3	5.1	5.0	248	153,855	7.60	3.06	265	2.0	11.1	3.5	4.4	4,282	16,070	7.82
Minnesota, total	165,324	74,717	18.6	100.0	100.0	100.0	151	23,202,508	5.54	3.66	12,199	0.9	100.0	100.0	100.0	3,908	994,664	5.05
Commercial farms	146,527	72,466	18.8	97.0	98.9	99.1	151	22,975,308	5.54	3.66	11,580	0.9	94.9	97.2	96.3	3,947	960,039	5.07
Class I	3,008	2,450	41.1	3.3	14.3	12.9	168	3,390,550	6.29	3.74	291	1.0	2.4	7.0	6.5	4,244	69,397	5.45
Class II	23,503	17,719	25.5	23.7	37.6	36.2	157	8,913,140	5.88	3.73	2,326	0.9	19.1	31.1	28.0	4,341	305,472	5.54
Class III	46,975	26,874	17.0	36.0	30.4	31.9	144	6,952,023	5.21	3.61	4,246	0.9	34.8	35.4	35.0	3,944	340,382	4.93
Class IV	40,588	17,837	12.6	23.9	12.9	14.2	137	2,918,311	4.90	3.57	3,168	0.8	26.0	17.3	19.5	3,473	178,132	4.64
Class V	23,103	6,314	8.1	8.5	3.2	3.4	141	690,675	4.83	3.43	1,306	0.7	10.7	5.6	6.2	3,533	58,050	4.77
Class VI	9,350	1,272	5.4	1.7	0.5	0.5	153	110,609	4.99	3.26	243	0.5	2.0	0.8	1.1	2,952	8,606	4.02
Other farms	18,797	2,251	7.6	3.0	1.1	0.9	190	227,200	6.16	3.25	619	1.5	5.1	2.8	3.7	2,921	34,625	4.72
Area 1	16,356	8,480	26.1	100.0	100.0	100.0	93	4,092,908	3.67	3.93	34	(Z)	100.0	100.0	100.0	1,738	494	2.59
Commercial farms	14,951	8,310	26.4	98.0	99.3	99.5	93	4,066,388	3.66	3.93	34	(Z)	100.0	100.0	100.0	1,738	494	2.59
Class I	476	436	48.8	5.1	23.9	21.0	106	990,613	4.23	3.99	...	...	...	...	...	...	...	...
Class II	2,025	1,654	34.9	19.5	31.2	31.9	91	1,300,618	3.66	4.01	8	(Z)	23.5	39.8	21.5	3,220	183	4.46
Class III	3,813	2,635	25.1	31.1	25.3	27.8	85	1,026,270	3.31	3.90	1	(Z)	2.9	12.0	10.5	2,000	46	2.30
Class IV	4,743	2,515	16.6	29.7	14.6	14.7	93	579,503	3.54	3.81	10	(Z)	29.4	21.1	34.0	1,077	140	2.15
Class V	2,812	898	10.1	10.6	3.8	3.6	100	145,830	3.64	3.65	10	(Z)	29.4	6.0	7.9	1,333	55	3.67
Class VI	1,082	172	6.7	2.0	0.6	0.5	104	23,554	3.97	3.84	5	0.1	14.7	21.1	26.2	1,400	70	1.40
Other farms	1,405	170	9.9	2.0	0.7	0.5	111	26,520	4.34	3.90	...	...	...	...	...	...	...	...
Areas 2 and A	17,296	3,188	5.7	100.0	100.0	100.0	180	374,397	5.99	3.34	1,277	1.2	100.0	100.0	100.0	3,258	76,387	6.08
Commercial farms	10,545	2,606	6.5	81.7	90.7	92.9	175	341,613	5.88	3.36	1,031	1.2	80.7	85.6	87.1	3,203	65,457	5.99
Class I	63	17	14.9	0.5	2.0	1.9	190	7,515	6.50	3.42	10	2.8	0.8	2.4	1.8	4,545	1,835	8.34
Class II	191	113	20.4	3.5	13.6	15.0	163	54,835	5.85	3.59	31	1.4	2.4	7.6	5.3	4,647	6,500	9.77
Class III	818	417	11.3	13.1	18.2	23.0	143	71,759	4.99	3.50	151	1.3	11.8	15.7	12.8	4,012	11,970	7.46
Class IV	2,882	1,009	6.1	31.6	31.9	29.2	196	122,744	6.72	3.43	407	1.6	31.9	31.5	37.7	2,722	26,367	5.57
Class V	4,370	830	4.1	26.0	21.1	20.4	185	69,710	5.45	2.95	366	1.0	28.7	24.2	25.0	3,146	15,725	5.01
Class VI	2,221	220	2.1	6.9	3.9	3.4	210	15,050	7.18	3.42	66	0.6	5.2	4.2	4.5	3,027	3,060	5.42
Other farms	6,751	582	2.2	18.3	9.3	7.1	234	32,784	7.36	3.14	246	0.8	19.3	14.4	12.9	3,625	10,930	6.73
Area 3	16,268	5,032	10.0	100.0	100.0	100.0	127	773,018	4.45	3.50	205	0.2	100.0	100.0	100.0	2,357	18,495	6.68
Commercial farms	14,437	4,891	10.1	97.2	97.2	98.5	126	756,639	4.42	3.52	185	0.1	90.2	83.0	86.3	2,268	14,615	6.12
Class I	92	56	30.0	1.1	3.7	4.4	105	32,692	4.23	4.02	...	...	...	...	...	...	...	...
Class II	548	419	20.8	8.3	18.6	18.2	130	150,630	4.77	3.67	15	0.3	7.3	15.6	14.8	2,488	2,115	5.16
Class III	2,830	1,435	11.6	28.5	32.0	33.5	121	251,077	4.32	3.56	45	0.1	22.0	29.1	22.0	3,115	3,720	6.10
Class IV	5,471	2,140	8.8	42.5	33.5	32.9	130	253,180	4.44	3.42	85	0.2	41.5	33.4	38.1	2,066	7,220	6.84
Class V	3,906	726	5.3	14.4	8.1	8.7	118	63,050	4.17	3.53	30	0.1	14.6	3.8	10.6	847	1,305	4.42
Class VI	1,585	115	1.9	2.3	1.4	0.8	215	6,010	4.20	1.95	10	(Z)	4.9	1.1	0.7	3,500	255	12.75
Other farms	1,831	141	5.8	2.8	2.8	1.5	232	16,379	6.22	2.69	20	0.8	9.8	17.0	13.7	2,921	3,880	10.21
Area 4	13,911	8,021	19.3	100.0	100.0	100.0	161	1,238,526	5.71	3.55	2,632	2.5	100.0	100.0	100.0	3,293	125,141	4.53
Commercial farms	11,783	7,494	19.9	93.4	96.6	96.5	161	1,198,858	5.73	3.55	2,457	2.5	93.4	95.2	93.6	3,349	118,996	4.60
Class I	33	18	28.4	0.2	1.5	0.8	304	17,965	10.68	3.51	10	3.0	0.4	0.8	0.6	4,171	825	4.71
Class II	322	270	32.9	3.4	11.8	10.5	182	149,449	6.58	3.62	158	3.7	6.0	10.4	9.3	3,675	14,982	5.84
Class III	2,041	1,816	25.7	22.6	32.8	33.3	159	403,134	5.59	3.52	698	3.0	26.5	32.1	30.7	3,440	39,296	4.63
Class IV	4,716	3,445	19.7	42.9	36.6	38.5	153	470,285	5.64	3.68	1,085	2.5	41.2	36.8	38.5	3,145	48,250	4.53
Class V	3,525	1,650	11.3	20.6	12.0	11.6	166	134,790	5.36	3.23	425	1.5	16.1	12.9	12.0	3,542	13,235	3.99
Class VI	1,146	295	8.3	3.7	1.9	1.9	161	23,235	5.52	3.44	81	1.3	3.1	2.2	2.4	3,003	2,408	3.57
Other farms	2,128	527	10.4	6.6	3.4	3.5	158	39,668	5.28	3.33	175	2.5	6.6	4.8	6.4	2,486	6,145	3.47
Area 5	21,871	9,813	12.7	100.0	100.0	100.0	169	3,387,991	6.42	3.79	70	(Z)	100.0	100.0	100.0	2,419	2,550	4.86
Commercial farms	21,130	9,757	12.7	99.4	99.7	99.7	169	3,378,846	6.42	3.79	70	(Z)	100.0	100.0	100.0	2,419	2,550	4.86
Class I	457	355	29.1	3.6	11.3	10.8	178	400,096	7.04	3.95	5	(Z)	7.1	1.6	1.0	4,000	30	6.00
Class II	4,816	3,239	16.4	33.0	44.3	43.2	173	1,541,305	6.75	3.89	20	(Z)	28.6	20.5	17.1	2,889	890	9.89
Class III	8,690	4,252	10.5	43.3	33.2	33.9	166	1,097,636	6.13	3.70	35	(Z)	50.0	74.8	74.3	2,436	1,580	4.05
Class IV	4,802	1,546	7.5	15.8	9.2	9.7	162	283,549	5.56	3.43	5	(Z)	7.1	1.6	3.8	1,000	25	1.25
Class V	1,715	310	6.5	3.2	1.5	1.9	138	49,770	5.05	3.67	5	(Z)	7.1	1.6	3.8	1,000	25	1.25
Class VI	650	55	6.0	0.6	0.2	0.3	94	6,490	4.28	4.57	...	...	...	...	...	...	...	...
Other farms	741	56	16.1	0.6	0.3	0.3	168	9,145	5.92	3.52	...	...	...	...	...	...	...	...
Areas 6 and B	36,982	16,332	18.4	100.0	100.0	100.0	180	4,407,030	6.33	3.51	5,108	2.5	100.0	100.0	100.0	4,102	450,678	4.75
Commercial farms	32,961	15,767	18.5	96.5	97.9	98.3	179	4,322,701	6.32	3.52	4,955	2.5	97.0	97.6	96.4	4,153	437,838	4.79
Class I	447	347	41.6	2.1	10.7	7.4	262	485,060	9.42	3.60	135	4.9	2.6	7.1	6.4	4,550	34,589	5.70
Class II	4,664	3,590	27.5	22.0	36.4	35.5	185	1,619,886	6.56	3.55	1,357	3.7	26.6	37.1	35.0	4,350	169,556	5.11
Class III	12,191	6,763	17.0	41.4	35.5	37.8	169	1,545,170	5.87	3.47	2,151	2.3	42.1	37.6	38.2	4,039	164,910	4.55
Class IV	9,988	3,707	11.5	22.7	12.1	14.2	154	541,715	5.48	3.57	931	1.4	18.2	12.0	12.8	3,851	50,195	4.14
Class V	4,170	1,115	9.3	6.8	2.6	3.0	155	111,855	5.32	3.42	320	1.5	6.3	3.4	3.6	3,923	16,440	4.88
Class VI	1,501	245	6.3	1.5	0.6	0.4	259	19,015	6.97	2.69	61	1.3	1.2	0.5	0.6	3,389	2,148	3.96
Other farms	4,021	565	14.5	3.5	2.1	1.7	225	84,329	7.14	3.17	153	4.2	3.0	2.4	3.6	2,745	12,840	3.79
Area 7	21,778	11,782	22.8	100.0	100.0	100.0	188	4,305,512	6.80	3.62	2,777	2.0	100.0	100.0	100.0	4,155	294,415	5.33
Commercial farms	20,533	11,592	22.8	98.4	99.6	99.6	188	4,288,752	6.80	3.63	2,757	2.0	99.3	99.7	99.7	4,155	293,600	5.33
Class I	543	444	42.7	3.8	16.3	12.4	246	690,299	8.80	3.58	115	2.8	4.1	9.2	9.2	4,156	26,664	5.24
Class II	4,783	3,677	28.1	31.2	43.1	42.3	191	1,881,126	7.02	3.67	707	1.9	25.5	34.9	32.4	4,471	108,456	6.06
Class III	8,382	4,851	18.5	41.2	29.4	32.5	169	1,281,977	6.22	3.67	1,135	1.8	40.9	35.6	36.7	4,025	102,470	5.06
Class IV	4,540	2,035	15.8	17.3	9.1	10.5	163	364,460	5.51	3.39	630	2.3	22.7	16.3	17.2	3,951	44,080	4.65
Class V	1,545	485	12.1	4.1	1.5	1.5	183	62,185	6.38	3.49	150	2.5	5.4	3.4	3.7	3,901	11,265	5.59
Class VI	740	100	14.9	0.8	0.2	0.4	99	8,705	3.28	3.30	20	1.6	0.7	0.3	0.5	2,103	665	2.29
Other farms	1,245	190	18.5	1.6	0.4	0.4	205	16,760	6.77	3.30	20	1.2	0.7	0.3	0.3	4,438	815	5.09

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Minnesota—Continued																		
Area 8	20,862	12,069	21.2	100.0	100.0	100.0	168	4,623,126	6.08	3.61	96	0.1	100.0	100.0	100.0	3,470	26,504	8.53
Commercial farms	20,187	12,049	21.2	99.8	100.0	100.0	168	4,621,511	6.08	3.61	91	0.1	94.8	99.9	99.7	3,478	26,489	8.55
Class I	892	777	37.1	6.4	16.7	14.1	200	766,310	7.15	3.58	16	0.4	16.7	32.6	37.7	2,997	5,454	4.65
Class II	6,154	4,757	24.9	39.4	46.9	46.4	170	2,215,291	6.27	3.69	30	(Z)	31.2	10.8	9.8	3,836	2,790	9.15
Class III	8,210	4,705	17.1	39.0	28.4	30.6	157	1,275,000	5.48	3.50	30	0.1	31.2	52.6	44.7	4,079	16,390	11.79
Class IV	3,446	1,440	13.5	11.9	6.6	7.4	150	302,875	5.36	3.57	15	0.1	15.6	3.9	7.4	1,826	1,855	8.07
Class V	1,060	300	11.5	2.5	1.1	1.2	154	53,485	5.84	3.80	...	...	...	...	...	...	...	...
Class VI	425	70	11.8	0.6	0.2	0.2	154	8,550	5.39	3.50	...	...	...	...	...	...	...	...
Other farms	675	20	9.0	0.2	(Z)	(Z)	117	1,615	4.49	3.85	5	0.3	5.2	0.1	0.3	1,000	15	1.50
Mississippi, total	215,887	180,449	51.7	100.0	100.0	100.0	318	40,773,991	9.16	2.88	6,372	2.5	100.0	100.0	100.0	1,710	1,007,228	4.65
Commercial farms	148,522	138,241	53.9	76.6	89.2	90.0	315	36,872,610	9.21	2.92	4,924	2.6	77.3	89.9	89.0	1,727	900,575	4.67
Class I	1,692	1,587	50.9	0.9	12.3	15.7	249	6,000,374	8.58	3.45	234	3.0	3.7	24.0	18.8	2,181	221,698	5.43
Class II	3,126	2,829	42.7	1.6	8.0	8.7	294	3,584,806	9.26	3.15	436	4.0	6.8	16.2	16.6	1,671	154,667	4.31
Class III	7,849	7,406	48.1	4.1	9.9	9.6	329	4,034,831	9.48	2.88	776	3.8	12.2	15.8	15.6	1,730	163,636	4.85
Class IV	30,437	28,841	59.0	16.0	20.4	19.6	332	8,338,707	9.57	2.89	1,356	2.7	21.3	16.6	18.4	1,545	177,259	4.45
Class V	62,168	58,549	60.8	32.4	26.5	25.0	337	10,439,267	9.39	2.78	1,408	1.6	22.1	12.5	13.8	1,546	134,331	4.48
Class VI	43,250	39,029	52.9	21.6	12.1	11.5	336	4,474,625	8.76	2.61	714	1.3	11.2	4.8	5.8	1,411	48,984	3.89
Other farms	67,365	42,208	37.9	23.4	10.8	10.0	344	3,901,381	8.78	2.55	1,448	2.0	22.7	10.1	11.0	1,578	106,653	4.48
Area 1	44,540	41,244	58.5	100.0	100.0	100.0	216	12,074,680	8.98	4.16	365	1.5	100.0	100.0	100.0	2,238	198,733	5.67
Commercial farms	42,101	39,675	58.7	96.2	98.4	98.2	216	11,882,295	8.99	4.16	355	1.5	97.3	99.2	99.4	2,234	197,208	5.66
Class I	1,068	1,041	52.5	2.5	33.6	36.9	196	4,127,660	8.31	4.24	103	2.4	28.2	64.8	64.3	2,255	131,500	5.84
Class II	1,147	1,091	48.4	2.6	12.2	12.3	213	1,519,110	9.16	4.30	46	2.0	12.6	19.7	19.3	2,292	36,536	5.41
Class III	2,731	2,609	54.2	6.3	10.0	9.5	227	1,177,373	9.22	4.06	35	1.0	9.6	7.8	7.0	2,491	13,753	5.57
Class IV	11,326	10,764	69.9	26.1	19.4	18.3	228	2,304,967	9.36	4.10	61	0.5	16.7	4.1	5.5	1,682	9,269	4.85
Class V	19,316	18,200	77.4	44.1	19.6	17.8	238	2,312,625	9.69	4.06	75	0.3	20.5	2.1	2.6	1,802	4,980	5.47
Class VI	6,513	5,970	69.8	14.5	3.7	3.4	236	440,560	9.63	4.08	35	0.4	9.6	0.7	0.7	2,000	1,170	4.50
Other farms	2,439	1,569	49.5	3.8	1.6	1.8	195	192,385	8.09	4.14	10	0.4	2.7	0.8	0.6	2,976	1,525	7.44
Area 2	33,594	28,249	45.7	100.0	100.0	100.0	342	6,647,873	9.68	2.83	826	2.9	100.0	100.0	100.0	1,691	190,285	4.41
Commercial farms	27,365	25,286	47.5	89.5	95.8	95.5	343	6,388,635	9.74	2.84	725	2.9	87.8	94.0	93.6	1,698	178,072	4.41
Class I	245	243	48.6	0.9	12.2	14.2	293	963,868	9.86	3.37	51	3.8	6.2	24.0	17.7	2,293	42,477	5.55
Class II	624	592	36.6	2.1	11.2	10.8	354	742,493	10.00	2.82	123	5.4	14.9	19.4	25.3	1,299	39,301	3.60
Class III	1,388	1,324	42.6	4.7	11.2	11.3	339	735,417	9.48	2.80	134	5.0	16.2	24.7	21.0	1,989	43,572	4.81
Class IV	5,930	5,631	55.0	19.9	23.5	22.6	355	1,525,953	9.84	2.77	194	2.4	23.5	13.7	15.4	1,502	29,673	4.46
Class V	12,186	11,320	51.9	40.1	27.9	26.3	362	1,803,816	9.97	2.75	156	1.0	18.9	6.9	8.2	1,423	14,569	4.10
Class VI	6,992	6,176	43.2	21.9	9.8	10.2	325	616,088	8.75	2.69	67	1.6	8.1	5.2	5.9	1,485	8,480	3.31
Other farms	6,229	2,963	24.9	10.5	4.2	4.5	323	259,238	8.40	2.60	101	2.2	12.2	6.0	6.4	1,583	12,213	4.39
Areas 3 and 4	23,392	17,826	38.6	100.0	100.0	100.0	346	3,436,572	9.08	2.62	929	3.0	100.0	100.0	100.0	1,419	137,702	4.65
Commercial farms	13,196	11,785	41.2	66.1	85.2	85.6	345	2,950,381	9.10	2.64	715	3.4	77.0	91.2	90.0	1,437	123,857	4.65
Class I	51	48	35.0	0.3	5.0	5.5	316	167,094	8.01	2.53	11	3.5	1.2	6.1	7.1	1,227	7,448	3.55
Class II	273	249	35.4	1.4	9.4	10.5	312	347,984	8.79	2.82	67	4.9	7.2	17.1	18.6	1,299	21,187	3.84
Class III	638	622	39.7	3.5	12.3	11.6	366	418,933	9.52	2.60	143	4.2	15.4	15.4	15.7	1,392	21,980	4.75
Class IV	1,914	1,749	40.1	9.8	18.3	17.5	362	625,548	9.42	2.60	226	5.3	24.3	32.6	29.9	1,548	45,138	5.11
Class V	4,812	4,376	46.3	24.5	24.7	24.9	343	858,108	9.10	2.65	182	2.2	19.6	15.0	14.9	1,426	23,015	5.22
Class VI	5,508	4,741	43.5	26.6	15.5	15.6	344	532,714	9.01	2.62	86	0.8	9.3	5.0	3.9	1,851	5,089	4.45
Other farms	10,196	6,041	28.0	33.9	14.8	14.4	356	486,191	8.93	2.51	214	1.5	23.0	8.8	10.0	1,259	13,845	4.70
Area 4	23,858	19,639	56.3	100.0	100.0	100.0	379	3,991,816	9.36	2.47	870	2.1	100.0	100.0	100.0	1,545	60,400	3.86
Commercial farms	16,572	15,778	59.1	80.3	91.6	91.1	381	3,666,653	9.43	2.47	734	2.0	84.4	84.7	85.2	1,536	50,961	3.82
Class I	22	17	55.4	0.1	0.9	0.9	352	29,972	7.48	2.12	11	4.5	1.3	2.6	2.1	1,938	1,045	3.22
Class II	126	94	39.1	0.5	1.9	1.9	367	73,942	8.90	2.43	18	6.4	2.1	8.4	8.7	1,488	3,817	2.80
Class III	847	815	54.6	4.1	10.8	10.7	381	454,192	9.92	2.60	119	4.8	13.7	28.3	25.6	1,708	19,390	4.84
Class IV	3,557	3,456	62.1	17.6	28.3	27.2	395	1,186,855	10.24	2.59	203	1.9	23.3	21.3	22.2	1,478	11,238	3.23
Class V	6,930	6,717	63.5	34.2	35.3	35.4	378	1,373,482	9.09	2.41	282	1.3	32.4	20.1	20.2	1,537	11,891	3.76
Class VI	5,090	4,679	52.6	23.8	14.5	14.9	369	548,210	8.63	2.34	101	0.8	11.6	4.0	6.3	974	3,580	3.62
Other farms	7,286	3,861	37.8	19.7	8.4	8.9	358	325,163	8.56	2.39	136	2.3	15.6	15.3	14.8	1,595	9,439	4.07
Area 5	19,224	14,029	39.4	100.0	100.0	100.0	336	2,651,508	8.10	2.41	330	1.6	100.0	100.0	100.0	2,018	52,316	3.88
Commercial farms	12,725	10,812	40.6	77.1	90.3	89.8	337	2,384,874	8.11	2.40	257	1.7	77.9	88.5	92.1	1,939	47,571	3.83
Class I	80	76	39.8	0.5	9.9	8.6	385	208,344	7.42	1.92	21	4.2	6.4	28.4	22.2	2,584	14,388	4.81
Class II	266	227	29.9	1.6	9.2	10.1	306	270,660	8.16	2.67	43	3.2	13.0	25.6	26.0	1,989	11,665	3.33
Class III	654	568	32.8	4.0	10.4	10.4	337	289,122	8.50	2.52	25	1.2	7.6	5.9	9.5	1,248	3,002	2.34
Class IV	2,343	2,138	43.1	15.2	21.2	20.9	341	573,574	8.39	2.46	72	1.6	21.8	17.7	19.3	1,845	9,685	3.71
Class V	5,073	4,497	47.9	32.1	26.9	26.5	341	717,323	8.26	2.42	55	0.4	16.7	5.2	6.0	1,729	3,356	4.13
Class VI	4,309	3,306	43.9	23.6	12.6	13.3	318	325,851	7.50	2.36	41	1.2	12.4	5.8	9.0	1,287	5,475	4.49
Other farms	6,499	3,217	31.6	22.9	9.7	10.2	320	266,634	7.95	2.49	73	1.0	22.1	11.5	7.9	2,035	4,745	4.43
Area 6a	38,634	32,939	57.3	100.0	100.0	100.0	372	6,589,165	9.41	2.53	1,552	3.2	100.0	100.0	100.0	1,606	182,235	4.62
Commercial farms	22,841	21,932	62.6	66.6	84.0	83.7	373	5,539,558	9.45	2.53	1,179	3.7	76.0	85.9	87.4	1,578	158,945	4.61
Class I	155	113	54.1	0.3	1.2	1.3	355	83,175	9.39	2.64	20	9.7	1.3	4.1	4.0	1,617	8,251	5.20
Class II	459	375	56.6	1.1	5.0	4.6	399	325,269	10.02	2.51	89	8.6	5.7	14.9	12.4	1,923	27,322	5.57
Class III	884	795	57.3	2.4	7.7	7.4	387	517,980	10.01	2.59	171	7.0	11.0	15.9	15.9	1,601	30,599	4.87
Class IV	3,557	3,419	66.9	10.4	20.6	19.9	387	1,349,837	9.71	2.51	342	4.7	22.0	23.4	24.9	1,505	41,701	4.24
Class V	9,299	9,089	65.1	27.6	32.4	32.6	370	2,140,425	9.38	2.53	362	2.6	23.3	21.8	22.9	1,524	39,252	4.34
Class VI	8,487	8,141	58.6	24.7	17.1	18.0	354	1,122,872	8.93	2.52	195	1.3	12.6	5.9	7.2	1,335	11,820	4.19
Other farms	15,793	11,007	40.0	33.4	16.0	16.3	365	1,049,607	9.22	2.53	373	1.7	24.0	14.1	12.6	1,798	23,290	4.69
Area 6b	20,895	17,711	57.4	100.0	100.0	100.0	356	3,135,830	9.12	2.56	831	3.4	100.0	100.0	100.0	1,604	85,154	4.18
Commercial farms	10,242	9,810	61.4	55.4	76.6	75.6	361	2,389,425	9.19	2.55	535	3.6	64.4	76.2	74.5	1,640	62,939	4.15
Class I	39	27	49.4	0.2	2.1	1.4	515	56,690	11.60	2.25	7	13.0	0.8	8.4	6.3	2,119	4,247	3.29
Class II	79	71	45.9	0.4	2.8	2.9	340	82,125	8.24	2.42	24	6.6	2.9	7.8	7.0	1,784	7,928	5.54
Class III	354	342	51.3	1.9	6.8	6.6	366	196,451	8.71	2.38	61	5.8	7.3	11.4	12.6	1,454	8,871	3.47
Class IV	1,101	1,065	64.0	6.0	14.7	14.4	362	470,597	9.47	2.62	146	4.6	17.6	18.3	17.5	1,675	16,493	4.63
Class V	3,407	3,273	65.2	18.5	27.3	26.3	369	861,973	9.51	2.58	199	3.0	23.9	19.0	20.7	1,473	18,360	4.35
Class VI	5,262	5,032	62.6	28.4	23.0	23.9	342	721,589	8.77	2.56	98	1.6	11.8	11.3	10.3	1,754	7,040	3.34
Other farms	10,653	7,901	47.8	44.6	23.4	24.4	340	746,405	8.89	2.61	296	3.0	35.6	23.8	25.5	1,498	22,215	4.28

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime						
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Mississippi—Continued																		
Area 7	8,783	6,946	61.1	100.0	100.0	100.0	434	1,894,302	9.18	2.12	482	5.1	100.0	100.0	100.0	1,474	83,469	4.89
Commercial farms	2,816	2,620	67.0	37.7	78.7	74.5	458	1,444,677	9.39	2.05	320	5.9	66.4	84.4	79.1	1,572	68,602	5.08
Class I	29	19	66.3	0.3	25.4	18.3	603	349,811	9.27	1.54	8	3.6	1.7	15.7	12.1	1,919	10,792	5.24
Class II	121	104	62.8	1.5	9.8	9.9	426	192,857	9.40	2.21	18	3.6	3.7	7.3	6.9	1,550	5,790	4.91
Class III	275	254	68.2	3.7	10.0	8.5	513	192,540	10.98	2.14	65	12.1	13.5	18.9	18.3	1,524	19,148	6.14
Class IV	512	474	70.4	6.8	11.6	12.2	410	244,572	9.69	2.36	80	7.1	16.6	13.4	14.8	1,334	11,739	4.63
Class V	952	911	70.5	13.1	14.5	16.5	382	313,021	9.22	2.41	78	7.4	16.2	25.2	20.8	1,789	16,438	4.64
Class VI	927	858	62.0	12.4	7.4	9.1	351	151,876	8.08	2.30	71	3.5	14.7	3.9	6.3	916	4,695	4.39
Other farms	5,967	4,326	48.6	62.3	21.3	25.5	362	449,625	8.56	2.36	162	3.3	33.6	15.6	20.9	1,099	14,867	4.18
Area 8	2,967	1,866	45.9	100.0	100.0	100.0	435	352,245	10.04	2.31	187	3.7	100.0	100.0	100.0	1,621	16,934	6.04
Commercial farms	664	543	48.6	29.1	65.3	61.4	462	226,112	10.49	2.27	104	4.6	55.6	70.3	73.4	1,552	12,420	6.03
Class I	3	3	11.5	0.2	3.9	2.2	783	13,760	17.89	2.29	2	4.0	1.1	9.7	9.6	1,630	1,550	5.74
Class II	31	26	59.9	1.4	9.5	8.4	494	30,366	10.33	2.09	8	6.8	4.3	8.1	11.9	1,102	1,121	3.36
Class III	78	77	56.8	4.1	15.2	13.6	486	52,823	11.06	2.27	23	3.9	12.3	16.8	11.6	2,357	3,321	10.22
Class IV	197	145	55.6	7.8	15.9	14.8	469	55,804	10.77	2.29	32	4.3	17.1	12.1	14.4	1,356	2,323	5.75
Class V	193	166	56.9	8.9	16.4	18.4	387	58,494	9.05	2.34	19	2.7	10.2	15.9	10.9	2,367	2,470	8.10
Class VI	162	126	39.0	6.8	4.3	4.1	460	14,865	10.42	2.27	20	11.5	10.7	7.7	15.0	833	1,635	3.89
Other farms	2,303	1,323	42.1	70.9	34.7	38.6	391	126,133	9.32	2.38	83	2.3	44.4	29.7	26.6	1,810	4,514	6.04
Missouri, total	201,680	113,418	33.5	100.0	100.0	100.0	220	44,794,525	7.32	3.32	31,195	3.7	100.0	100.0	100.0	4,299	4,383,164	6.49
Commercial farms	140,307	98,473	35.2	86.8	95.9	96.1	220	43,235,722	7.35	3.34	28,346	3.8	90.9	95.4	95.1	4,312	4,183,018	6.51
Class I	2,581	2,208	38.7	1.9	9.4	8.2	253	4,582,723	9.14	3.61	1,031	5.2	3.3	9.8	9.9	4,260	457,003	6.81
Class II	12,719	11,105	39.9	9.8	22.0	20.7	234	10,438,789	8.24	3.52	4,448	4.6	14.3	21.9	21.8	4,320	975,741	6.61
Class III	28,307	23,676	38.0	20.9	28.1	28.5	217	12,945,657	7.41	3.41	8,331	4.1	26.7	28.4	28.1	4,347	1,242,503	6.55
Class IV	37,062	28,371	34.9	25.0	21.5	22.8	208	9,234,866	6.62	3.19	7,586	3.2	24.3	19.8	19.2	4,437	837,571	6.47
Class V	36,590	23,267	29.2	20.5	11.7	12.4	208	4,786,186	6.31	3.03	5,198	3.1	16.7	11.9	12.1	4,240	513,644	6.29
Class VI	23,048	9,846	20.2	8.7	3.2	3.5	200	1,247,501	5.84	2.92	1,752	2.6	5.6	3.5	4.0	3,767	156,556	5.74
Other farms	61,373	14,945	15.7	13.2	4.1	3.9	229	1,558,803	6.47	2.83	2,849	2.2	9.1	4.6	4.9	4,056	200,146	6.04
Areas 1 and A	23,672	10,864	25.3	100.0	100.0	100.0	213	5,871,143	8.39	3.94	4,019	3.8	100.0	100.0	100.0	3,767	602,103	5.77
Commercial farms	17,818	10,111	25.8	93.1	97.5	98.2	212	5,761,462	8.39	3.96	3,735	3.8	92.9	95.9	95.7	3,777	578,712	5.80
Class I	701	618	35.2	5.7	19.1	18.8	217	1,151,971	8.77	4.05	279	4.8	6.9	16.8	17.0	3,710	94,662	5.33
Class II	2,597	2,134	31.0	19.6	30.9	30.8	214	1,891,268	8.79	4.10	860	4.2	21.4	27.4	28.0	3,675	185,430	6.34
Class III	4,286	3,006	25.1	27.7	25.4	26.5	204	1,508,422	8.14	3.99	1,081	3.4	26.9	25.7	24.4	3,973	146,707	5.77
Class IV	4,817	2,587	19.5	23.8	14.7	14.9	211	824,753	7.91	3.76	953	3.3	23.7	16.3	16.7	3,675	92,409	5.30
Class V	3,401	1,325	17.4	12.2	6.0	5.8	221	313,208	7.73	3.50	412	3.2	10.3	7.4	7.2	3,843	44,744	5.94
Class VI	2,016	441	11.8	4.1	1.4	1.5	203	71,840	7.01	3.46	150	2.8	3.7	2.5	2.3	3,975	14,760	6.09
Other farms	5,854	753	12.0	6.9	2.5	1.8	290	109,681	8.52	2.94	284	4.2	7.1	4.1	4.3	3,544	23,391	5.21
Area 2a	25,661	14 209	25.6	100.0	100.0	100.0	221	5,425,843	7.78	3.53	5,555	4.5	100.0	100.0	100.0	4,126	793,562	6.51
Commercial farms	21,019	13,394	26.1	94.3	98.2	98.4	220	5,338,638	7.78	3.53	5,325	4.5	95.9	98.0	97.9	4,127	777,222	6.51
Class I	256	225	34.1	1.6	7.6	6.4	263	447,686	10.03	3.81	116	6.2	2.1	5.8	6.7	3,576	46,293	5.71
Class II	1,748	1,574	31.8	11.1	22.5	21.4	232	1,243,100	8.32	3.58	839	5.5	15.1	22.0	21.1	4,297	166,243	6.47
Class III	4,691	3,870	28.0	27.2	32.4	33.7	213	1,789,696	7.63	3.58	1,617	4.5	29.1	32.4	31.2	4,283	271,536	7.14
Class IV	5,885	4,150	23.7	29.2	22.4	23.3	212	1,186,328	7.30	3.45	1,503	3.8	27.1	21.9	21.3	4,253	164,857	6.36
Class V	5,176	2,609	19.6	18.4	10.1	10.4	215	520,554	7.21	3.35	910	3.9	16.4	10.9	11.9	3,802	87,753	6.08
Class VI	3,263	966	16.0	6.8	3.1	3.2	213	151,274	6.73	3.15	340	5.0	6.1	4.9	5.8	3,515	40,540	5.73
Other farms	4,642	815	11.8	5.7	1.8	1.6	243	87,205	7.77	3.20	230	2.7	4.1	2.0	2.1	4,047	16,340	6.45
Area 2b	25,367	17,066	38.0	100.0	100.0	100.0	249	9,626,974	8.36	3.36	7,981	6.3	100.0	100.0	100.0	4,865	1,339,983	7.06
Commercial farms	19,387	15,356	38.6	90.0	97.0	96.9	249	9,368,901	8.40	3.37	7,293	6.3	91.4	96.1	95.3	4,902	1,287,405	7.11
Class I	412	385	43.5	2.3	9.5	8.0	295	926,032	10.03	3.39	248	8.4	3.1	9.8	9.3	5,106	132,230	7.45
Class II	2,424	2,316	43.6	13.6	28.4	26.7	265	2,760,464	8.99	3.39	1,279	6.7	16.0	25.6	24.9	5,003	351,018	7.43
Class III	4,754	4,321	39.9	25.3	30.5	31.0	245	3,039,413	8.52	3.48	2,248	6.0	28.2	28.6	28.3	4,916	375,059	6.98
Class IV	5,049	4,282	36.3	25.1	18.8	19.7	237	1,767,121	7.78	3.28	1,807	5.5	22.6	18.2	18.0	4,907	239,244	6.99
Class V	4,186	2,876	30.8	16.9	7.7	8.9	214	701,566	6.82	3.19	1,241	6.6	15.5	11.0	11.6	4,610	148,164	6.70
Class VI	2,562	1,176	25.0	6.9	2.1	2.5	204	174,305	5.95	2.91	470	5.1	5.9	2.8	3.1	4,405	41,690	7.04
Other farms	5,980	1,710	24.8	10.0	3.0	3.1	236	258,073	7.13	3.02	688	6.1	8.6	3.9	4.7	4,116	52,578	5.95
Area 3	22,853	14,116	46.5	100.0	100.0	100.0	176	6,346,594	5.81	3.30	3,630	3.7	100.0	100.0	100.0	4,233	538,053	6.17
Commercial farms	16,779	12,679	47.9	89.8	97.2	97.0	176	6,181,118	5.83	3.31	3,324	3.8	91.6	95.8	95.3	4,254	516,983	6.22
Class I	182	160	49.3	1.1	5.0	4.3	203	360,077	7.67	3.78	85	6.6	2.3	7.9	7.2	4,645	38,783	6.17
Class II	1,365	1,258	51.7	8.9	21.4	18.8	200	1,359,166	6.61	3.31	511	4.3	14.1	21.3	19.4	4,644	104,472	6.17
Class III	3,734	3,464	51.5	24.5	33.9	33.5	178	2,268,802	6.20	3.48	1,179	4.2	32.5	34.2	34.5	4,203	197,665	6.58
Class IV	4,318	3,637	48.6	25.8	22.5	24.4	162	1,362,764	5.11	3.15	820	3.0	22.6	18.3	18.6	4,159	100,501	6.18
Class V	4,441	2,973	41.0	21.1	11.9	12.8	163	682,191	4.88	2.99	563	3.0	15.5	11.6	11.9	4,153	62,952	6.09
Class VI	2,739	1,187	28.5	8.4	2.6	3.1	147	148,118	4.30	2.92	166	2.7	4.6	2.4	3.7	2,714	12,610	3.92
Other farms	6,074	1,437	24.4	10.2	2.8	3.0	161	165,476	4.97	3.08	306	3.0	8.4	4.2	4.7	3,818	21,070	5.18
Area 4	13,069	6,547	46.2	100.0	100.0	100.0	200	2,137,436	5.52	2.76	995	1.9	100.0	100.0	100.0	3,814	87,346	5.47
Commercial farms	7,602	5,401	50.6	82.5	94.8	94.9	200	2,030,569	5.53	2.76	905	2.1	91.0	94.5	95.0	3,793	82,981	5.47
Class I	70	36	48.1	0.5	3.0	2.5	241	70,801	7.37	3.06	24	3.7	2.4	5.6	4.6	4,676	5,454	7.43
Class II	406	305	62.1	4.7	13.6	12.8	212	310,580	6.27	2.95	91	3.0	9.1	15.2	14.9	3,886	13,377	5.61
Class III	1,160	999	60.6	15.3	31.7	30.3	210	681,440	5.82	2.78	267	2.9	26.8	33.0	34.8	3,618	27,450	4.94
Class IV	2,104	1,757	50.2	26.8	28.6	30.1	191	593,720	5.10	2.67	233	1.2	23.4	15.7	17.5	3,422	15,390	5.53
Class V	2,385	1,719	41.7	26.3	15.1	16.1	188	313,698	5.05	2.68	235	2.1	23.6	22.0	19.6	4,278	18,980	6.06
Class VI	1,477	585	24.4	8.9	2.9	3.2	180	60,330	4.88	2.71	55	1.1	5.5	2.9	3.5	3,115	2,330	4.12
Other farms	5,467	1,146	17.7	17.5	5.2	5.1	204	106,867	5.41	2.65	90	0.7	9.0	5.5	5.0	4,212	4,365	5.46
Area 5	15,212	7,555	29.9	100.0	100.0	100.0	215	2,033,855	6.76	3.15	1,496	2.6	100.0	100.0	100.0	4,249	169,996	6.44
Commercial farms	8,270	5,993	34.3	79.3	92.0	92.7	213	1,884,090	6.76	3.17	1,225	2.9	81.9	90.3	88.6	4,335	152,596	6.53
Class I	80	43	31.2	0.6	2.3	1.8	267	46,708	8.50	3.18	13	2.6	0.9	1.9	1.7	4,797	2,370	5.22
Class II	368	314	44.0	4.2	12.6	11.2	241	273,161	8.13	3.37	75	2.3	5.0	8.1	6.6	5,246	13,347	7.69
Class III	1,032	926	42.1	12.3	23.5	21.7	232	492,605	7.53	3.25	246	4.0	16.4	19.0	23.7	3,402	30,115	4.82
Class IV	2,036	1,779	37.8	23.5	28.1	30.1	201	575,524	6.37	3.17	451	3.0	30.1	32.3	27.2	5,038	55,516	7.73
Class V	2,800	1,937	28.6	25.6	18.7	20.3	198	371,569	6.09	3.08	333	2.5	22.3	21.1	20.4	4,394	37,773	7.01
Class VI	1,954	994	20.7	13.2	6.9	7.6	196	124,523	5.48	2.79	107	2.1	7.2	7.9	8.9	3,770	13,475	5.71
Other farms	6,942	1,562	11.4	20.7	8.0	7.3	235	149,765	6.78	2.88	271	1.6	18.1	9.7	11.4	3,586	17,400	5.76

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Missouri—Continued																		
Areas 6 and 8	21,743	13,309	33.3	100.0	100.0	100.0	241	4,219,007	7.46	3.09	3,723	3.0	100.0	100.0	100.0	4,655	332,206	6.56
Commercial farms	14,056	10,835	36.1	81.4	93.1	93.7	240	3,970,694	7.50	3.12	3,191	3.1	85.7	89.7	89.0	4,694	296,614	6.58
Class I	170	131	47.0	1.0	5.5	4.6	293	254,038	9.87	3.37	64	4.3	1.7	4.8	4.6	4,842	19,155	8.22
Class II	830	732	42.0	5.5	13.5	12.8	255	608,646	8.41	3.30	293	3.8	7.9	10.8	12.8	3,936	39,856	6.16
Class III	2,606	2,342	41.1	17.6	27.4	27.2	243	1,170,539	7.61	3.13	901	3.7	24.2	27.0	27.2	4,631	89,213	6.48
Class IV	3,975	3,386	36.1	25.4	26.3	27.1	234	1,118,286	7.29	3.11	958	2.9	25.7	26.2	24.8	4,919	81,645	6.51
Class V	3,974	2,920	31.1	21.9	16.3	17.0	231	653,301	6.78	2.93	758	2.6	20.4	16.5	16.0	4,816	52,924	6.54
Class VI	2,501	1,324	21.0	9.9	4.1	4.9	202	165,884	5.94	2.94	217	1.4	5.8	4.4	3.7	5,540	13,821	7.32
Other farms	7,687	2,474	15.7	18.6	6.9	6.3	263	248,313	6.92	2.64	532	2.4	14.3	10.3	11.0	4,345	35,592	6.39
Area 7	26,350	13,364	30.4	100.0	100.0	100.0	223	3,047,213	6.38	2.87	1,605	1.4	100.0	100.0	100.0	3,644	120,770	5.51
Commercial farms	16,092	10,879	34.1	81.4	92.2	92.5	222	2,827,420	6.40	2.88	1,399	1.6	87.2	91.5	93.2	3,578	109,665	5.37
Class I	62	49	36.7	0.4	2.3	2.1	248	75,927	7.67	3.10	16	2.0	1.0	1.8	2.4	2,728	2,412	4.50
Class II	542	425	47.7	3.2	10.1	10.0	225	318,685	6.68	2.97	133	3.7	8.3	15.6	16.7	3,401	17,532	4.79
Class III	1,538	1,342	44.8	10.0	22.1	22.3	221	708,217	6.64	3.01	282	2.2	17.6	19.7	24.0	2,991	24,662	4.70
Class IV	3,908	3,317	40.1	24.8	29.6	31.0	212	887,610	5.99	2.82	404	1.3	25.2	25.2	22.1	4,153	30,439	6.28
Class V	5,983	3,955	26.0	29.6	21.6	20.8	230	647,352	6.50	2.82	418	1.2	26.0	21.2	20.2	3,828	25,930	5.85
Class VI	4,059	1,791	16.6	13.4	6.5	6.2	232	189,629	6.37	2.75	146	0.9	9.1	8.0	7.8	3,754	8,690	5.10
Other farms	10,258	2,485	13.0	18.6	7.8	7.5	231	219,793	6.13	2.65	206	0.5	12.8	8.5	6.8	4,545	11,105	7.48
Area 8	10,560	5,154	25.3	100.0	100.0	100.0	252	1,139,705	7.33	2.91	846	2.5	100.0	100.0	100.0	4,603	98,325	6.44
Commercial farms	4,386	3,221	30.9	62.5	84.2	83.1	255	974,090	7.54	2.96	654	3.2	77.3	86.8	87.8	4,550	83,110	6.20
Class I	9	8	31.1	0.2	1.5	1.5	250	11,671	5.08	2.03	5	3.0	0.6	1.6	1.4	4,941	1,815	8.21
Class II	95	73	41.0	1.4	6.6	5.1	324	82,309	10.29	3.18	36	3.7	4.3	5.6	4.8	5,436	5,957	8.19
Class III	443	389	39.4	7.5	19.4	17.8	274	236,386	8.54	3.12	164	5.6	19.4	25.2	25.6	4,529	24,376	6.23
Class IV	789	661	33.0	12.8	20.0	19.6	257	239,015	7.84	3.05	197	3.5	23.3	25.1	21.3	5,425	24,740	7.61
Class V	1,620	1,244	31.2	24.1	27.6	29.1	239	304,216	6.73	2.81	176	2.7	20.8	22.5	25.3	4,102	18,982	4.92
Class VI	1,430	846	18.6	16.4	9.1	10.0	228	100,493	6.46	2.83	76	1.7	9.0	6.9	9.5	3,336	7,240	5.01
Other farms	6,174	1,933	13.3	37.5	15.8	16.9	237	165,615	6.32	2.67	192	0.9	22.7	13.2	12.2	4,987	15,215	8.19
Area 9a	7,498	4,973	34.4	100.0	100.0	100.0	220	1,724,776	7.21	3.27	797	2.8	100.0	100.0	100.0	4,252	164,613	8.37
Commercial farms	5,583	4,433	35.6	89.1	97.6	97.2	221	1,688,886	7.26	3.28	752	2.9	94.4	98.1	97.8	4,265	162,023	8.42
Class I	194	172	42.7	3.5	24.3	20.5	260	443,053	9.02	3.46	78	4.4	9.8	27.0	25.8	4,453	63,202	12.46
Class II	559	534	40.5	10.7	23.2	23.1	222	402,820	7.29	3.29	161	3.5	20.2	23.7	24.3	4,136	32,734	6.83
Class III	1,208	982	30.5	19.7	17.7	18.9	206	310,257	6.87	3.33	196	2.7	24.6	19.5	20.0	4,149	27,390	6.96
Class IV	1,451	1,260	37.4	25.3	18.8	20.7	199	315,685	6.37	3.19	185	2.3	23.2	18.8	15.7	5,105	25,605	8.30
Class V	1,374	1,039	29.4	20.9	10.5	11.0	210	169,101	6.40	3.05	112	2.0	14.1	8.1	9.0	3,866	12,287	6.97
Class VI	797	446	21.9	9.0	3.2	2.9	241	47,970	6.82	2.83	20	1.9	2.5	0.9	3.0	1,294	805	1.35
Other farms	1,915	540	15.9	10.9	2.4	2.8	189	35,890	5.44	2.88	45	1.1	5.6	1.9	2.2	3,682	2,590	5.89
Area 9b	9,695	6,261	37.3	100.0	100.0	100.0	253	3,221,979	9.06	3.58	548	2.4	100.0	100.0	100.0	3,279	136,207	5.96
Commercial farms	9,315	6,171	37.3	98.6	99.6	99.7	253	3,209,854	9.05	3.58	543	2.4	99.1	99.7	99.9	3,271	135,707	5.94
Class I	445	381	34.6	6.1	25.2	23.6	270	794,759	9.46	3.50	103	3.2	18.8	39.1	34.5	3,715	50,627	6.42
Class II	1,785	1,440	37.7	23.0	34.0	34.6	249	1,188,590	9.66	3.88	170	2.6	31.0	32.2	37.6	2,812	45,775	5.33
Class III	2,855	2,035	37.8	32.5	24.1	24.9	245	739,880	8.36	3.41	150	1.5	27.4	19.7	15.9	4,074	28,330	7.82
Class IV	2,730	1,555	40.9	24.8	12.0	12.6	241	364,060	8.11	3.37	75	1.8	13.7	5.4	8.8	2,005	7,225	3.59
Class V	1,250	670	39.9	10.7	3.9	3.5	279	109,430	8.67	3.11	40	2.0	7.3	2.9	2.8	3,333	3,155	4.89
Class VI	250	90	30.4	1.4	0.4	0.5	224	13,135	7.98	3.57	5	1.3	0.9	0.4	0.3	4,000	595	8.50
Other farms	380	90	28.4	1.4	0.4	0.3	353	12,125	13.04	3.70	5	0.8	0.9	0.3	0.1	10,000	500	20.00
Montana, total	32,956	6,485	4.2	100.0	100.0	100.0	86	2,225,663	3.49	4.06	66	(Z)	100.0	100.0	100.0	770	2,441	2.33
Commercial farms	28,677	6,027	4.2	92.9	98.2	98.8	86	2,186,223	3.47	4.06	40	(Z)	60.6	54.1	57.0	730	1,306	2.19
Class I	2,581	812	5.2	12.5	27.4	33.3	71	648,535	3.05	4.31	1	(Z)	1.5	12.4	16.0	595	300	1.79
Class II	6,905	1,850	4.5	28.5	34.4	37.0	80	790,544	3.35	4.19	8	(Z)	12.1	22.3	9.5	1,818	386	3.90
Class III	7,760	1,816	3.6	28.0	24.3	18.7	112	493,548	4.14	3.70	1	(Z)	1.5	3.2	4.3	578	45	1.00
Class IV	6,003	970	3.0	15.0	9.1	7.3	107	190,080	4.09	3.83	25	(Z)	37.9	9.9	15.3	500	515	3.22
Class V	3,833	444	2.3	6.8	2.6	2.1	106	51,960	3.90	3.67	5	(Z)	7.6	6.2	11.9	400	60	0.48
Class VI	1,595	135	1.7	2.1	0.5	0.4	108	11,556	4.56	4.22	...	...	...	...	...	...	...	...
Other farms	4,279	458	4.3	7.1	1.8	1.2	134	39,440	5.34	3.98	26	0.3	39.4	45.9	43.0	822	1,135	2.52
Area 1a	6,025	1,530	8.6	100.0	100.0	100.0	147	288,726	5.42	3.69	61	0.1	100.0	100.0	100.0	496	1,660	1.83
Commercial farms	3,911	1,229	8.9	80.3	95.4	96.0	146	275,641	5.39	3.69	36	0.1	59.0	57.8	53.7	533	975	2.00
Class I	51	25	8.1	1.6	5.6	6.4	128	18,971	5.56	4.35	1	0.4	1.6	22.2	18.5	595	300	1.79
Class II	378	226	12.2	14.8	30.3	30.5	146	97,631	6.01	4.12	5	(Z)	8.2	6.7	3.9	857	100	2.86
Class III	875	389	10.8	25.4	35.3	34.8	149	89,364	4.82	3.24	...	...	...	...	...	...	...	...
Class IV	1,117	293	6.3	19.2	15.7	15.4	150	48,442	5.91	3.93	25	0.1	41.0	17.8	17.6	500	515	3.22
Class V	1,028	206	5.4	13.5	7.4	7.5	144	17,713	4.43	3.06	5	0.2	8.2	11.1	13.8	400	60	0.48
Class VI	462	90	3.4	5.9	1.1	1.4	120	3,520	4.79	4.00	...	...	...	...	...	...	...	...
Other farms	2,114	301	4.6	19.7	4.6	4.0	171	13,085	6.18	3.61	25	0.9	41.0	42.2	46.3	452	685	1.63
Area 1b	4,103	969	4.9	100.0	100.0	100.0	122	328,243	4.69	3.84	3	(Z)	100.0	100.0	100.0	2,860	765	6.32
Commercial farms	3,509	933	4.9	96.3	98.7	98.8	122	324,108	4.69	3.84	2	(Z)	66.7	48.0	75.2	1,824	315	3.46
Class I	328	123	4.2	12.7	32.2	28.6	138	113,603	5.69	4.13	...	...	...	...	...	...	...	...
Class II	856	317	6.2	32.7	32.3	37.8	104	113,240	4.28	4.10	1	(Z)	33.3	40.5	38.0	3,043	270	5.87
Class III	990	274	4.6	28.3	23.4	19.5	147	60,889	4.47	3.05	1	(Z)	33.3	7.5	37.2	578	45	1.00
Class IV	646	143	5.2	14.8	8.1	9.4	105	26,022	3.95	3.75	...	...	...	...	...	...	...	...
Class V	489	61	3.5	6.3	2.1	3.1	82	8,134	3.72	4.52	...	...	...	...	...	...	...	...
Class VI	200	15	1.3	1.5	0.6	0.4	216	2,220	8.88	4.11	...	...	...	...	...	...	...	...
Other farms	594	36	3.3	3.7	1.3	1.2	128	4,135	4.80	3.76	1	0.1	33.3	52.0	24.8	6,000	450	1,500
Area 2a	5,785	1,357	8.0	100.0	100.0	100.0	43	548,426	1.83	4.28	...	...	...	...	...	...	...	...
Commercial farms	5,423	1,318	8.0	97.1	98.9	99.2	43	542,556	1.83	4.28	...	...	...	...	...	...	...	...
Class I	889	318	8.9	23.4	38.6	44.6	37	217,803	1.63	4.40	...	...	...	...	...	...	...	...
Class II	1,824	531	8.0	39.1	35.1	38.7	39	199,287	1.72	4.43	...	...	...	...	...	...	...	...
Class III	1,285	275	6.4	20.3	16.4	10.5	67	85,673	2.72	4.07	...	...	...	...	...	...	...	...
Class IV	858	144	6.6	10.6	7.2	4.3	71	32,097	2.48	3.50	...	...	...	...	...	...	...	...
Class V	414	47	3.7	3.5	1.3	0.8	65	6,553	2.64	4.05	...	...	...	...	...	...	...	...
Class VI	153	3	3.7	0.2	0.2	0.2	44	1,143	1.66	3.81	...	...	...	...	...	...	...	...
Other farms	362	39	6.3	2.9	1.1	0.8	62	5,870	2.54	4.08	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Montana—Continued																		
Area 2b	9,858	1,108	1.7	100.0	100.0	100.0	77	385,625	3.14	4.09	1	(Z)	100.0	100.0	100.0	1,000	8	1.00
Commercial farms	9,404	1,067	1.7	96.3	98.7	99.2	76	380,575	3.12	4.09	1	(Z)	100.0	100.0	100.0	1,000	8	1.00
Class I	796	181	2.1	16.3	29.6	26.7	85	120,095	3.66	4.31	...	...	...	...	...	...	...	...
Class II	2,468	354	1.8	31.9	34.0	37.7	69	126,423	2.73	3.95	1	(Z)	100.0	100.0	100.0	1,000	8	1.00
Class III	2,752	327	1.7	29.5	25.3	24.0	81	97,986	3.33	4.11	...	...	...	...	...	...	...	...
Class IV	2,014	151	1.3	13.6	8.4	8.6	75	30,075	2.84	3.80	...	...	...	...	...	...	...	...
Class V	1,038	47	0.9	4.2	1.1	1.9	46	4,668	2.02	4.40	...	...	...	...	...	...	...	...
Class VI	336	7	1.0	0.6	0.4	0.4	65	1,328	2.55	3.91	...	...	...	...	...	...	...	...
Other farms	454	41	2.3	3.7	1.3	0.8	131	5,050	5.43	4.14	...	...	...	...	...	...	...	...
Area 3a	3,752	1,055	5.5	100.0	100.0	100.0	201	467,279	8.55	4.24	...	...	...	...	...	...	...	...
Commercial farms	3,202	1,025	5.5	97.2	98.4	98.7	201	459,679	8.52	4.24	...	...	...	...	...	...	...	...
Class I	207	90	4.7	8.5	24.1	20.2	239	116,166	10.50	4.38	...	...	...	...	...	...	...	...
Class II	616	262	5.5	24.8	35.0	31.1	226	167,334	9.84	4.34	...	...	...	...	...	...	...	...
Class III	962	398	6.9	37.7	25.3	30.8	166	114,323	6.79	4.10	...	...	...	...	...	...	...	...
Class IV	749	198	5.1	18.8	10.7	12.9	167	47,138	6.67	3.99	...	...	...	...	...	...	...	...
Class V	421	62	3.6	5.9	2.9	3.2	182	12,153	6.94	3.82	...	...	...	...	...	...	...	...
Class VI	247	15	1.7	1.4	0.4	0.4	200	2,565	10.69	5.34	...	...	...	...	...	...	...	...
Other farms	550	30	6.6	2.8	1.6	1.3	243	7,600	10.63	4.37	...	...	...	...	...	...	...	...
Area 3b	3,433	466	3.2	100.0	100.0	100.0	140	207,364	5.53	3.95	1	(Z)	100.0	100.0	100.0	200	8	0.80
Commercial farms	3,228	455	3.2	97.6	98.5	98.8	139	203,664	5.50	3.94	1	(Z)	100.0	100.0	100.0	200	8	0.80
Class I	310	75	4.3	16.1	27.9	31.6	124	61,897	5.23	4.22	...	...	...	...	...	...	...	...
Class II	763	160	4.1	34.3	41.3	37.7	153	86,629	6.13	4.00	1	(Z)	100.0	100.0	100.0	200	8	0.80
Class III	896	153	3.2	32.8	24.7	24.8	139	45,313	4.88	3.50	...	...	...	...	...	...	...	...
Class IV	619	41	0.7	8.8	2.9	2.9	140	6,306	5.81	4.15	...	...	...	...	...	...	...	...
Class V	443	21	1.0	4.5	1.3	1.6	116	2,739	4.54	3.91	...	...	...	...	...	...	...	...
Class VI	197	5	0.5	1.1	0.4	0.3	200	780	7.80	3.90	...	...	...	...	...	...	...	...
Other farms	205	11	3.7	2.4	1.5	1.2	177	3,700	8.20	4.62	...	...	...	...	...	...	...	...
Nebraska, total	100,733	42,406	12.9	100.0	100.0	100.0	146	21,432,509	7.18	4.92	5,905	0.7	100.0	100.0	100.0	3,601	1,280,524	8.00
Commercial farms	94,153	41,984	12.9	99.0	99.7	99.7	146	21,377,554	7.19	4.92	5,862	0.7	99.4	99.5	99.5	3,602	1,274,779	8.01
Class I	4,171	2,670	14.7	6.3	14.9	13.9	157	3,263,392	7.88	5.01	432	0.8	7.3	12.4	14.2	3,145	175,547	7.70
Class II	18,846	12,134	17.2	28.6	39.3	38.5	149	8,535,165	7.42	4.99	1,651	0.8	28.0	33.1	33.5	3,559	418,475	7.81
Class III	32,050	16,503	12.7	38.9	31.7	32.6	142	6,675,737	6.86	4.83	2,378	0.7	40.3	36.8	34.6	3,823	460,953	8.32
Class IV	24,452	8,195	8.4	19.3	11.2	11.9	138	2,371,144	6.66	4.84	1,095	0.5	18.5	13.6	13.3	3,690	173,630	8.16
Class V	10,716	2,128	5.3	5.0	2.2	2.4	136	468,939	6.58	4.83	287	0.4	4.9	3.4	3.6	3,346	44,004	7.54
Class VI	3,918	354	3.9	0.8	0.3	0.4	136	63,177	6.00	4.42	25	0.1	0.4	0.2	0.1	4,130	2,170	9.43
Other farms	6,580	422	5.9	1.0	0.3	0.3	166	54,955	6.09	3.67	37	0.5	0.6	0.5	0.5	3,345	5,745	6.94
Area 1	8,458	1,417	1.9	100.0	100.0	100.0	135	405,293	5.80	4.30	35	(Z)	100.0	100.0	100.0	2,217	6,114	7.70
Commercial farms	7,939	1,392	1.9	98.2	99.6	99.4	135	404,108	5.82	4.30	35	(Z)	100.0	100.0	100.0	2,217	6,114	7.70
Class I	594	121	1.1	8.5	19.0	14.1	183	74,361	7.57	4.14	8	(Z)	22.9	21.1	18.6	2,514	1,226	8.28
Class II	1,636	409	2.6	28.9	38.4	40.1	130	170,814	6.10	4.70	9	(Z)	25.7	29.9	25.7	2,578	2,042	10.01
Class III	2,224	463	2.3	32.7	26.0	28.1	125	100,597	5.12	4.09	6	(Z)	17.1	16.8	40.7	916	822	2.54
Class IV	1,949	258	1.7	18.2	12.2	13.0	127	44,624	4.92	3.89	5	(Z)	14.3	22.7	8.2	6,154	1,500	23.08
Class V	1,188	108	1.0	7.6	2.8	3.3	112	10,105	4.34	3.89	7	(Z)	20.0	9.4	6.8	3,074	524	9.70
Class VI	348	33	1.4	2.3	1.1	0.9	179	3,607	5.96	3.34	...	...	...	...	...	...	...	...
Other farms	519	25	2.0	1.8	0.4	0.6	92	1,185	3.04	3.29	...	...	...	...	...	...	...	...
Area 2	7,296	1,905	3.0	100.0	100.0	100.0	188	794,337	8.40	4.47	1	(Z)	100.0	100.0	100.0	1,000	2	1.00
Commercial farms	6,689	1,884	3.0	98.9	99.7	99.6	188	792,336	8.41	4.47	1	(Z)	100.0	100.0	100.0	1,000	2	1.00
Class I	607	311	4.2	16.3	31.6	27.9	213	248,152	9.42	4.42	...	...	...	...	...	...	...	...
Class II	2,205	891	3.7	46.8	43.9	46.1	179	348,010	7.99	4.45	1	(Z)	100.0	100.0	100.0	1,000	2	1.00
Class III	1,913	492	2.6	25.8	18.2	20.7	166	149,864	7.68	4.63	...	...	...	...	...	...	...	...
Class IV	1,076	148	1.1	7.8	5.1	3.9	246	39,840	10.86	4.41	...	...	...	...	...	...	...	...
Class V	650	41	0.6	2.2	0.8	1.1	140	6,220	5.88	4.20	...	...	...	...	...	...	...	...
Class VI	238	1	0.1	0.1	(Z)	0.1	74	250	4.63	6.25	...	...	...	...	...	...	...	...
Other farms	607	21	0.6	1.1	0.3	0.4	152	2,001	5.85	3.85	...	...	...	...	...	...	...	...
Area 3a	13,456	4,696	11.6	100.0	100.0	100.0	154	2,733,766	8.50	5.52	87	0.1	100.0	100.0	100.0	2,763	12,335	5.68
Commercial farms	12,399	4,635	11.6	98.7	99.7	99.7	154	2,727,681	8.51	5.52	87	0.1	100.0	100.0	100.0	2,763	12,335	5.68
Class I	596	427	21.8	9.1	21.1	20.1	162	611,387	9.47	5.86	13	0.3	14.9	29.2	39.0	2,066	3,027	3.57
Class II	2,172	1,476	19.0	31.4	41.2	40.1	158	1,142,622	8.85	5.60	21	0.1	24.1	37.7	27.6	3,767	4,292	7.15
Class III	3,794	1,672	9.9	35.6	25.9	27.4	145	686,890	7.79	5.36	33	0.1	37.9	18.7	21.4	2,413	3,126	6.72
Class IV	3,505	793	4.7	16.9	8.8	9.1	150	224,362	7.70	5.15	15	(Z)	17.2	9.0	7.4	3,375	1,330	8.31
Class V	1,740	232	3.8	4.9	2.4	2.6	142	55,455	6.54	4.62	5	(Z)	5.7	5.5	4.6	3,300	560	5.60
Class VI	592	35	2.7	0.7	0.4	0.4	162	6,965	5.95	3.67	...	...	...	...	...	...	...	...
Other farms	1,057	61	6.5	1.3	0.3	0.3	147	6,085	5.88	4.00	...	...	...	...	...	...	...	...
Area 3b	15,658	6,990	16.2	100.0	100.0	100.0	141	3,176,830	6.88	4.89	748	0.8	100.0	100.0	100.0	2,813	184,559	7.86
Commercial farms	14,926	6,934	16.2	99.2	99.8	99.8	141	3,171,100	6.88	4.89	747	0.8	99.9	99.8	99.8	2,812	184,289	7.86
Class I	417	291	27.3	4.2	9.5	8.9	151	295,712	7.19	4.77	67	2.8	9.0	16.2	18.1	2,517	29,855	7.04
Class II	2,577	1,861	23.4	26.6	38.4	36.3	149	1,251,089	7.46	5.01	217	1.3	29.0	37.5	38.9	2,707	65,419	7.16
Class III	5,449	2,866	14.9	41.0	34.1	35.9	134	1,086,108	6.55	4.90	288	0.5	38.5	27.6	23.6	3,285	51,975	9.38
Class IV	4,261	1,526	10.7	21.8	14.9	15.5	136	454,926	6.36	4.69	140	0.5	18.7	14.5	15.1	2,710	28,150	7.96
Class V	1,625	340	7.7	4.9	2.5	2.8	127	75,350	5.87	4.62	30	0.6	4.0	3.7	4.0	2,642	7,640	8.17
Class VI	597	50	4.9	0.7	0.3	0.3	107	7,915	5.06	4.71	5	0.2	0.7	0.4	0.2	5,000	1,250	25.00
Other farms	732	56	14.0	0.8	0.2	0.2	131	5,730	6.05	4.62	1	0.6	0.1	0.2	0.2	3,000	270	6.75
Area 4	10,688	3,108	7.9	100.0	100.0	100.0	148	1,713,285	7.47	5.03	93	0.1	100.0	100.0	100.0	2,867	26,450	7.15
Commercial farms	10,018	3,083	7.9	99.2	99.6	99.7	148	1,707,170	7.47	5.04	93	0.1	100.0	100.0	100.0	2,867	26,450	7.15
Class I	383	257	17.6	8.3	18.0	17.9	150	334,871	8.17	5.47	12	0.3	12.9	22.5	21.2	3,039	5,960	7.59
Class II	2,146	1,155	12.0	37.2	49.7	47.0	157	853,570	7.92	5.04	46	0.3	49.5	56.4	63.1	2,561	13,960	5.98
Class III	3,371	1,070	5.9	34.4	24.2	25.7	140	378,648	6.42	4.59	20	(Z)	21.5	5.6	4.7	3,371	1,735	9.91
Class IV	2,462	464	3.2	14.9	6.2	7.4	125	113,892	6.69	5.36	15	0.1	16.1	15.6	10.9	4,074	4,795	11.84
Class V	1,228	122	2.0	3.9	1.3	1.5	128	24,704	7.05	5.51	...	...	...	...	...	...	...	...
Class VI	428	15	1.1	0.5	0.1	0.2	60	1,485	3.71	6.19	...	...	...	...	...	...	...	...
Other farms	670	25	4.7	0.8	0.4	0.3	188	6,115	7.99	4.25	...	...	...	...	...	...	...	...

Z Less than 0.05.

USE OF FERTILIZER AND LIME

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Nebraska—Continued																		
Area 5	15,625	8,227	22.0	100.0	100.0	100.0	128	4,425,769	6.71	5.25	1,559	1.4	100.0	100.0	100.0	3,817	396,505	9.25
Commercial farms	14,819	8,171	22.0	99.3	99.9	99.8	128	4,421,145	6.71	5.25	1,549	1.4	99.4	99.7	99.7	3,816	395,570	9.25
Class I	378	324	41.7	3.9	11.1	11.8	121	532,386	6.83	5.67	99	3.3	6.4	12.7	14.3	3,382	53,181	8.67
Class II	2,672	2,219	33.0	27.0	40.2	40.4	127	1,823,454	6.83	5.38	525	1.9	33.7	36.4	35.8	3,883	136,429	8.89
Class III	5,457	3,432	19.1	41.7	35.3	34.1	132	1,505,305	6.68	5.07	675	1.4	43.3	39.1	37.9	3,935	164,510	10.13
Class IV	4,152	1,761	11.6	21.4	11.1	11.2	126	470,745	6.34	5.02	180	0.5	11.5	8.1	8.2	3,792	28,905	8.25
Class V	1,525	375	8.1	4.6	1.9	1.9	126	78,725	6.33	5.03	65	1.0	4.2	3.2	3.5	3,552	12,245	8.19
Class VI	635	60	7.2	0.7	0.3	0.3	123	10,530	5.48	4.46	5	0.1	0.3	0.2	0.1	8,000	300	7.50
Other farms	806	56	13.9	0.7	0.1	0.2	55	4,624	3.28	5.93	10	1.1	0.6	0.3	0.3	4,261	935	8.13
Area 6	12,299	6,581	22.1	100.0	100.0	100.0	166	3,516,039	7.48	4.52	539	0.8	100.0	100.0	100.0	3,077	167,953	9.49
Commercial farms	11,744	6,531	22.1	99.2	99.9	99.9	166	3,512,719	7.49	4.52	539	0.8	100.0	100.0	100.0	3,077	167,953	9.49
Class I	802	635	36.3	9.6	21.7	20.1	179	787,059	8.34	4.67	114	2.7	21.2	33.0	38.9	2,607	54,953	7.97
Class II	2,978	2,081	25.5	31.6	38.8	38.4	167	1,350,725	7.49	4.48	145	0.7	26.9	28.6	26.9	3,270	48,150	10.10
Class III	4,264	2,540	19.1	38.6	29.1	30.5	158	1,017,610	7.10	4.49	180	0.6	33.4	27.5	24.2	3,497	42,905	10.00
Class IV	2,520	960	12.9	14.6	8.4	8.8	157	290,060	6.98	4.45	85	0.5	15.8	9.2	8.5	3,305	18,690	12.38
Class V	880	275	13.0	4.2	1.7	1.9	150	58,395	6.61	4.42	15	0.4	2.8	1.7	1.4	3,796	3,255	13.29
Class VI	300	40	8.6	0.6	0.3	0.2	230	8,870	9.80	4.26	...	...	...	...	...	...	...	...
Other farms	555	50	10.1	0.8	0.1	0.1	131	3,320	5.72	4.37	...	...	...	...	...	...	...	...
Areas 7, A, and B	17,253	9,482	25.2	100.0	100.0	100.0	145	4,667,190	6.90	4.75	2,843	2.6	100.0	100.0	100.0	3,950	486,606	7.03
Commercial farms	15,619	9,354	25.3	98.7	99.1	99.5	145	4,641,295	6.90	4.77	2,817	2.6	99.1	99 2	99.0	3,957	482,066	7.03
Class I	394	304	39.1	3.2	8.9	8.7	147	379,464	6.42	4.35	119	2.5	4.2	6.5	5.4	4,755	27,345	7.32
Class II	2,460	2,042	34.7	21.5	34.0	33.4	148	1,594,881	7.05	4.78	687	3.3	24.2	30.0	30.6	3,871	148,181	6.99
Class III	5,578	3,968	23.7	41.8	37.5	37.3	146	1,750,715	6.94	4.76	1,176	2.7	41.4	41.2	41.0	3,971	195,880	6.90
Class IV	4,527	2,285	18.0	24.1	15.1	16.2	135	732,695	6.69	4.94	655	2.0	23.0	17.6	17.5	3,974	90,260	7.46
Class V	1,880	635	13.7	6.7	3.2	3.2	144	159,985	7.35	5.11	165	1.9	5.8	3.8	4.3	3,432	19,780	6.57
Class VI	780	120	13.6	1.3	0.5	0.6	125	23,555	6.03	4.81	15	0.5	0.5	0.1	0.2	2,714	620	4.43
Other farms	1,634	128	14.2	1.3	0.9	0.5	235	25,895	7.29	3.10	26	2.7	0.9	0.8	1.0	3.210	4,540	6.75
Nevada, total (Area 1)	2,808	430	3.3	100.0	100.0	100.0	228	257,904	8.95	3.93	6	(Z)	100.0	100.0	100.0	7,647	615	36.18
Commercial farms	1,911	381	3.4	88.6	97.9	98.5	226	252,529	8.89	3.92	6	(Z)	100.0	100.0	100.0	7,647	615	36.18
Class I	301	82	3.8	19.1	61.4	63.3	221	157,816	8.65	3.91	...	...	...	...	...	...	...	...
Class II	472	113	2.4	26.3	19.6	14.8	302	58,095	13.65	4.52	...	...	...	...	...	...	...	...
Class III	401	70	1.7	16.3	5.7	5.5	237	16,842	10.63	4.48	5	(Z)	83.3	53.8	58.8	7,000	315	31.50
Class IV	302	59	5.2	13.7	6.3	9.6	151	9,880	3.58	2.38	...	...	...	...	...	...	...	...
Class V	283	51	5.3	11.9	4.4	5.0	201	8,886	6.21	3.09	1	(Z)	16.7	46.2	41.2	8,571	300	42.86
Class VI	152	6	1.1	1.4	0.5	0.5	229	1,010	7.21	3.16	...	...	...	...	...	...	...	...
Other farms	897	49	0.9	11.4	2.1	1.5	320	5,375	12.65	3.95	...	...	...	...	...	...	...	...
New Hampshire, total	10,423	3,495	17.3	100.0	100.0	100.0	514	897,137	12.92	2.52	1,320	4.2	100.0	100.0	100.0	2,300	101,797	6.11
Commercial farms	5,435	2,444	20.3	69.9	89.6	89.1	516	810,052	13.09	2.54	996	4.9	75.5	88.1	89.0	2,276	92,578	6.24
Class I	274	127	52.1	3.6	28.0	19.8	726	229,355	16.66	2.29	107	12.1	8.1	22.8	19.2	2,736	22,585	7.07
Class II	953	550	29.9	15.7	32.5	34.1	490	304,093	12.85	2.62	294	5.4	22.3	30.0	25.7	2,685	32,573	7.61
Class III	1,238	656	18.0	18.8	16.4	19.8	426	148,475	10.79	2.53	283	5.2	21.4	22.1	24.0	2,120	23,310	5.83
Class IV	1,340	611	11.7	17.5	8.2	10.6	396	76,320	10.38	2.62	205	4.0	15.5	7.9	14.9	1,223	8,465	3.41
Class V	1,302	359	7.9	10.3	3.5	3.8	474	42,085	15.88	3.35	72	1.5	5.5	3.0	3.1	2,226	2,610	5.00
Class VI	628	141	2.6	4.0	0.9	1.0	474	9,724	14.60	3.08	35	1.4	2.7	2.2	2.1	2,394	3,035	8.55
Other farms	4,988	1,051	7.8	30.1	10.4	10.9	493	87,085	11.53	2.34	324	1.9	24.5	11.9	11.0	2,499	9,219	5.04
Area 1	3,900	1,505	19.2	100.0	100.0	100.0	584	515,609	14.30	2.45	505	3.6	100.0	100.0	100.0	2,481	42,682	6.24
Commercial farms	2,156	1,136	22.6	75.5	94.5	92.4	597	484,969	14.57	2.44	397	4.1	78.6	90.8	88.9	2,535	39,628	6.52
Class I	85	65	76.5	4.3	39.5	27.8	831	182,562	18.23	2.19	43	11.1	8.5	28.1	21.3	3,273	11,021	7.57
Class II	309	226	35.1	15.0	30.7	32.6	549	171,074	14.55	2.65	122	5.5	24.2	31.4	26.8	2,907	14,622	7.98
Class III	469	298	17.9	19.8	13.3	18.0	431	70,050	10.82	2.51	121	4.2	24.0	19.2	22.2	2,142	8,610	5.67
Class IV	577	300	10.1	19.9	6.9	9.3	435	37,695	11.27	2.59	85	2.9	16.8	8.4	14.2	1,474	3,860	3.98
Class V	435	197	8.7	13.1	3.5	4.1	499	19,283	13.08	2.62	16	0.9	3.2	2.1	2.1	2,428	780	5.38
Class VI	281	50	1.5	3.3	0.6	0.6	564	4,305	19.57	3.47	10	1.1	2.0	1.7	2.3	1,812	735	4.59
Other farms	1,744	369	6.8	24.5	5.5	7.6	424	30,640	11.12	2.62	108	1.9	21.4	9.2	11.1	2,045	3,054	4.02
Areas 2 and A	6,523	1,990	15.7	100.0	100.0	100.0	438	381,528	11.43	2.61	815	4.6	100.0	100.0	100.0	2,175	59,115	6.02
Commercial farms	3,279	1,308	18.1	65.7	82.5	85.6	421	325,083	11.38	2.70	599	5.6	73.5	85.9	89.1	2,096	52,950	6.05
Class I	189	62	28.1	3.1	11.5	11.2	446	46,793	12.47	2.80	64	13.0	7.9	18.6	17.7	2,287	11,564	6.65
Class II	644	324	26.0	16.3	35.1	35.7	431	133,019	11.17	2.59	172	5.3	21.1	28.8	24.9	2,519	17,951	7.34
Class III	769	358	18.2	18.0	21.0	21.8	422	78,425	10.76	2.55	162	6.2	19.9	24.5	25.3	2,106	14,700	5.92
Class IV	763	311	13.5	15.6	10.0	12.0	364	38,625	9.64	2.65	120	5.1	14.7	7.5	15.4	1,063	4,605	3.04
Class V	567	162	7.0	8.1	3.6	3.5	442	22,802	19.37	4.38	56	2.2	6.9	3.8	3.8	2,149	1,830	4.85
Class VI	347	91	3.8	4.6	1.3	1.3	430	5,419	12.15	2.82	25	1.7	3.0	2.6	2.0	2,872	2,300	11.79
Other farms	3,244	682	8.6	34.3	17.5	14.4	533	56,445	11.77	2.21	216	1.9	26.5	14.1	10.9	2,822	6,165	5.76
New Jersey, total	22,695	12,819	54.3	100.0	100.0	100.0	776	11,898,511	19.42	2.50	5,954	11.2	100.0	100.0	100.0	1,799	1,035,981	8.23
Commercial farms	17,086	10,781	56.6	84.1	97.4	96.9	779	11,564,437	19.47	2.50	5,216	11.4	87.6	95.4	95.1	1,804	991,662	8.28
Class I	1,981	1,373	66.4	10.7	38.0	32.5	907	4,432,322	22.26	2.45	903	15.7	15.2	36.8	37.3	1,775	346,632	7.37
Class II	5,825	3,694	56.9	28.8	36.4	38.8	728	4,345,845	18.29	2.51	2,212	10.5	37.2	36.9	35.0	1,894	417,770	9.48
Class III	3,819	2,367	49.8	18.5	12.4	13.7	699	1,498,625	17.80	2.55	1,005	8.6	16.9	10.7	11.6	1,654	116,750	8.00
Class IV	2,556	1,571	46.2	12.3	6.2	6.7	714	754,695	18.34	2.57	556	8.2	9.3	5.8	5.8	1,799	57,185	7.82
Class V	1,860	1,160	43.2	9.0	3.0	3.6	648	362,955	16.31	2.51	360	8.4	6.0	3.0	3.4	1,576	30,535	7.04
Class VI	1,045	616	42.6	4.8	1.4	1.6	670	169,995	17.75	2.65	180	10.6	3.0	2.2	1.9	2,059	22,790	9.56
Other farms	5,609	2,038	24.0	15.9	2.6	3.1	665	334,074	17.85	2.68	738	8.0	12.4	4.6	4.9	1,693	44,319	7.14
Areas 1, A, B, and C	12,061	6,952	49.3	100.0	100.0	100.0	602	4,991,585	14.84	2.46	3,027	9.1	100.0	100.0	100.0	1,714	458,600	7.40
Commercial farms	8,835	5,901	51.4	84.9	97.0	96.8	604	4,845,616	14.88	2.47	2,661	9.3	87.9	94.4	95.1	1,701	433,191	7.35
Class I	1,023	739	60.9	10.6	31.6	29.5	645	1,510,906	15.21	2.36	414	12.3	13.7	29.5	32.4	1,557	139,351	6.93
Class II	3,072	2,222	51.7	32.0	42.1	42.4	598	2,133,305	14.94	2.50	1,207	8.7	39.9	40.4	38.6	1,790	175,730	7.33
Class III	1,895	1,270	45.9	18.3	12.3	13.8	534	638,220	13.73	2.57	510	7.3	16.8	12.3	11.9	1,774	61,380	8.31
Class IV	1,340	815	41.7	11.7	6.1	6.2	594	311,675	14.95	2.52	240	6.7	7.9	5.2	5.4	1,637	23,465	6.98
Class V	960	560	39.3	8.1	3.1	3.3	569	160,000	14.27	2.51	200	8.7	6.6	3.5	4.0	1,514	17,345	7.02
Class VI	545	295	34.3	4.2	1.7	1.4	703	91,510	18.83	2.68	90	12.0	3.0	3.6	2.7	2,230	15,920	9.39
Other farms	3,226	1,051	22.3	15.1	3.0	3.2	568	145,969	13.44	2.37	366	6.2	12.1	5.6	4.9	1,953	25.409	8.39

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
New Jersey—Continued																		
Areas 2, D, E, and F	10,634	5,867	62.0	100.0	100.0	100.0	987	6,906,926	25.01	2.53	2,927	14.3	100.0	100.0	100.0	1,882	577,381	9.03
Commercial farms	8,251	4,880	64.4	83.2	97.7	97.2	992	6,718,821	25.04	2.52	2,555	14.6	87.3	96.2	95.0	1,904	558,471	9.19
Class I	958	634	72.9	10.8	42.8	36.1	1,168	2,921,416	29.29	2.51	489	19.7	16.7	43.4	42.1	1,938	207,281	7.70
Class II	2,753	1,472	66.9	25.1	32.2	34.3	925	2,212,540	23.34	2.52	1,005	14.2	34.3	33.8	31.5	2,018	242,040	12.04
Class III	1,924	1,097	55.7	18.7	12.5	13.7	901	860,405	22.81	2.53	495	10.7	16.9	9.2	11.3	1,532	55,370	7.67
Class IV	1,216	756	52.0	12.9	6.2	7.4	837	443,020	21.82	2.61	316	10.1	10.8	6.4	6.2	1,937	33,720	8.53
Class V	900	600	48.1	10.2	3.0	4.0	729	202,955	18.38	2.52	160	8.2	5.5	2.6	2.9	1,658	13,190	7.05
Class VI	500	321	56.7	5.5	1.1	1.7	636	78,485	16.64	2.61	90	8.3	3.1	0.9	1.1	1,638	6,870	9.96
Other farms	2,383	987	27.0	16.8	2.3	2.8	799	188,105	23.94	3.00	372	10.9	12.7	3.8	5.0	1,446	18,910	5.96
New Mexico, total	20,977	3,417	9.2	100.0	100.0	100.0	246	2,387,039	10.16	4.13	12	(Z)	100.0	100.0	100.0	2,200	3,782	8.39
Commercial farms	12,008	2,927	10.5	85.7	98.5	98.1	247	2,359,323	10.24	4.14	2	(Z)	16.7	96.0	71.2	2,966	3,602	11.22
Class I	1,467	873	31.3	25.5	72.0	67.0	265	1,682,206	10.70	4.04	1	0.1	8.3	95.8	71.0	2,969	3,600	11.25
Class II	2,024	738	9.3	21.6	16.0	16.8	234	440,287	11.14	4.76	...	...	...	...	...	...	...	...
Class III	2,251	593	4.4	17.4	6.3	8.4	185	146,449	7.39	3.99	...	...	...	...	...	...	...	...
Class IV	2,117	318	2.2	9.3	2.6	3.4	191	56,428	7.16	3.76	1	(Z)	8.3	0.2	0.2	2,000	2	2.00
Class V	2,309	279	1.7	8.2	1.2	2.0	152	27,813	5.95	3.91	...	...	...	...	...	...	...	...
Class VI	1,840	126	0.7	3.7	0.4	0.5	182	6,140	5.31	2.92	...	...	...	...	...	...	...	...
Other farms	8,969	490	1.2	14.3	1.5	1.9	188	27,716	6.09	3.24	10	(Z)	83.3	4.0	28.8	308	180	1.38
Area 1a	3,501	597	10.2	100.0	100.0	100.0	160	110,436	6.19	3.87	10	0.1	100.0	100.0	100.0	308	180	1.38
Commercial farms	1,478	349	14.3	58.5	78.7	82.4	153	92,181	6.27	4.11	...	...	...	...	...	...	...	...
Class I	103	28	19.4	4.7	19.6	19.0	165	26,535	7.81	4.74	...	...	...	...	...	...	...	...
Class II	137	48	22.8	8.0	13.2	12.4	170	17,191	7.78	4.57	...	...	...	...	...	...	...	...
Class III	217	97	20.0	16.2	23.1	26.7	138	24,505	5.14	3.72	...	...	...	...	...	...	...	...
Class IV	272	54	9.2	9.0	11.9	12.8	148	12,410	5.44	3.67	...	...	...	...	...	...	...	...
Class V	405	82	7.9	13.7	8.4	9.3	145	9,325	5.62	3.89	...	...	...	...	...	...	...	...
Class VI	344	40	6.5	6.7	2.5	2.2	182	2,215	5.61	3.08	...	...	...	...	...	...	...	...
Other farms	2,023	248	4.4	41.5	21.3	17.6	194	18,255	5.81	3.00	10	0.2	100.0	100.0	100.0	308	180	1.38
Area 1b	4,541	226	3.8	100.0	100.0	100.0	153	36,664	6.66	4.36	...	...	...	...	...	...	...	...
Commercial farms	1,211	126	4.8	55.8	89.5	89.5	153	33,554	6.82	4.46	...	...	...	...	...	...	...	...
Class I	28	10	6.4	4.4	14.3	7.7	282	4,950	11.65	4.12	...	...	...	...	...	...	...	...
Class II	35	8	18.7	3.5	34.0	31.5	165	14,362	8.28	5.02	...	...	...	...	...	...	...	...
Class III	116	13	2.7	5.8	13.1	16.0	125	5,517	6.26	5.02	...	...	...	...	...	...	...	...
Class IV	207	20	4.8	8.8	15.7	18.7	128	5,540	5.37	4.20	...	...	...	...	...	...	...	...
Class V	292	25	2.7	11.1	7.6	9.5	123	2,250	4.33	3.52	...	...	...	...	...	...	...	...
Class VI	533	50	2.4	22.1	4.8	6.0	121	935	2.83	2.34	...	...	...	...	...	...	...	...
Other farms	3,330	100	1.4	44.2	10.5	10.5	152	3,110	5.36	3.53	...	...	...	...	...	...	...	...
Area 2	7,513	610	1.3	100.0	100.0	100.0	195	196,493	8.63	4.41	...	...	...	...	...	...	...	...
Commercial farms	4,990	549	1.5	90.0	98.2	98.2	195	193,307	8.64	4.42	...	...	...	...	...	...	...	...
Class I	314	56	4.6	9.2	34.8	36.0	189	85,649	10.44	5.53	...	...	...	...	...	...	...	...
Class II	746	122	1.8	20.0	24.6	24.0	201	42,034	7.70	3.84	...	...	...	...	...	...	...	...
Class III	1,080	166	1.5	27.2	23.2	22.0	206	38,634	7.70	3.74	...	...	...	...	...	...	...	...
Class IV	1,053	83	0.6	13.6	9.5	8.0	233	16,228	8.93	3.83	...	...	...	...	...	...	...	...
Class V	1,097	111	0.8	18.2	5.7	8.0	140	10,327	5.68	4.07	...	...	...	...	...	...	...	...
Class VI	700	11	(Z)	1.8	0.3	0.2	298	435	9.26	3.11	...	...	...	...	...	...	...	...
Other farms	2,523	61	0.2	10.0	1.8	1.8	201	3,186	7.83	3.89	...	...	...	...	...	...	...	...
Area 3	5,422	1,984	34.8	100.0	100.0	100.0	263	2,043,446	10.83	4.12	2	0.1	100.0	100.0	100.0	2,966	3,602	11.22
Commercial farms	4,329	1,903	36.5	95.9	99.8	99.8	263	2,040,281	10.83	4.12	2	0.1	100.0	100.0	100.0	2,966	3,602	11.22
Class I	1,022	779	48.4	39.3	79.3	76.9	271	1,565,072	10.78	3.97	1	0.1	50.0	99.8	99.7	2,969	3,600	11.25
Class II	1,106	560	27.5	28.2	15.1	16.0	249	366,700	12.18	4.90	...	...	...	...	...	...	...	...
Class III	838	317	16.1	16.0	3.8	4.9	203	77,793	8.49	4.17	...	...	...	...	...	...	...	...
Class IV	585	161	11.0	8.1	1.2	1.5	221	22,250	8.09	3.66	1	(Z)	50.0	0.2	0.3	2,000	2	2.00
Class V	515	61	6.0	3.1	0.3	0.4	226	5,911	8.67	3.84	...	...	...	...	...	...	...	...
Class VI	263	25	2.9	1.3	0.2	0.2	218	2,555	6.64	3.04	...	...	...	...	...	...	...	...
Other farms	1,093	81	1.6	4.1	0.2	0.2	184	3,165	7.45	4.06	...	...	...	...	...	...	...	...
New York, total	105,671	65,390	28.1	100.0	100.0	100.0	454	27,256,596	11.97	2.64	26,040	4.9	100.0	100.0	100.0	2,970	3,788,989	9.52
Commercial farms	77,315	56,088	29.9	85.8	96.3	95.9	456	26,247,215	12.03	2.64	23,830	5.2	91.5	95.6	94.7	2,996	3,633,638	9.64
Class I	3,604	3,093	52.6	4.7	27.3	17.5	706	7,438,670	18.63	2.64	1,689	8.0	6.5	14.2	15.3	2,744	618,285	10.15
Class II	14,970	13,037	36.4	19.9	33.1	34.1	441	9,080,305	11.71	2.65	7,001	6.6	26.9	36.0	35.5	3,014	1,379,526	9.76
Class III	22,988	18,400	25.9	28.1	21.1	25.7	373	5,746,103	9.80	2.63	8,658	4.8	33.2	29.1	27.1	3,185	1,061,004	9.84
Class IV	19,026	12,745	20.6	19.5	9.9	12.2	369	2,639,580	9.53	2.58	4,297	3.4	16.5	11.3	11.6	2,898	393,393	8.51
Class V	11,789	6,746	20.0	10.3	4.1	5.4	351	1,128,530	9.24	2.63	1,743	2.8	6.7	4.0	4.3	2,765	145,307	8.42
Class VI	4,938	2,067	12.0	3.2	0.8	1.0	363	214,027	9.68	2.67	442	1.7	1.7	0.9	0.8	3,359	36,123	11.19
Other farms	28,356	9,302	11.6	14.2	3.7	4.1	403	1,009,381	10.69	2.65	2,210	2.6	8.5	4.4	5.3	2,495	155,351	7.39
Areas 1, A, and B	14,345	10,695	42.3	100.0	100.0	100.0	443	5,192,801	12.03	2.72	2,417	4.2	100.0	100.0	100.0	2,822	335,352	7.83
Commercial farms	9,707	8,547	45.5	79.9	95.7	94.8	448	4,934,986	12.07	2.70	2,180	4.6	90.2	95.8	95.6	2,827	322,342	7.87
Class I	769	744	64.1	7.0	29.9	23.3	569	1,494,513	14.87	2.61	307	6.0	12.7	27.3	22.0	3,504	90,436	9.61
Class II	1,853	1,768	51.2	16.5	28.5	30.2	418	1,541,618	11.82	2.83	618	6.7	25.6	32.9	39.9	2,332	116,946	6.85
Class III	2,165	2,040	41.4	19.1	19.2	20.0	425	969,355	11.22	2.64	650	4.0	26.9	21.4	19.6	3,070	68,180	8.10
Class IV	2,280	2,020	35.0	18.9	10.9	12.5	387	558,830	10.39	2.68	350	2.5	14.5	8.5	8.9	2,698	26,150	6.84
Class V	1,895	1,505	33.2	14.1	5.9	7.2	365	304,660	9.77	2.68	205	2.0	8.5	4.6	4.5	2,919	16,320	8.48
Class VI	745	470	21.1	4.4	1.3	1.5	365	66,010	9.96	2.73	50	1.0	2.1	1.1	0.8	3,939	4,310	13.06
Other farms	4,638	2,148	18.7	20.1	4.3	5.2	363	257,815	11.40	3.14	237	1.5	9.8	4.2	4.4	2,711	13,010	6.98
Area 2	10,290	8,545	46.1	100.0	100.0	100.0	370	4,575,996	9.77	2.64	1,923	3.3	100.0	100.0	100.0	3,037	332,424	10.02
Commercial farms	7,802	7,252	47.6	84.9	96.3	96.4	370	4,421,409	9.79	2.65	1,746	3.2	90.8	95.1	90.2	3,200	315,721	10.55
Class 1	357	352	54.7	4.1	18.5	13.9	493	869,464	13.39	2.71	117	3.6	6.1	12.3	13.0	2,893	47,583	11.08
Class II	1,845	1,830	52.1	21.4	37.4	38.3	361	1,723,200	9.60	2.66	704	4.2	36.6	47.3	44.1	3,258	151,768	10.38
Class III	2,185	2,105	46.4	24.6	23.6	25.2	347	1,061,515	9.01	2.60	540	2.6	28.1	21.6	20.1	3,258	69,375	10.39
Class IV	1,780	1,645	40.8	19.3	11.2	12.3	337	514,685	8.91	2.64	265	2.1	13.8	9.1	8.8	3,147	31,055	10.64
Class V	1,265	1,060	35.6	12.4	5.0	6.0	311	225,100	8.08	2.60	105	1.6	5.5	4.1	3.8	3,224	14,435	11.32
Class VI	370	260	34.1	3.0	0.7	0.8	316	27,445	7.58	2.40	15	1.2	0.8	0.6	0.4	4,692	1,505	11.58
Other farms	2,488	1,293	24.3	15.1	3.7	3.6	383	154,587	9.25	2.41	177	4.7	9.2	4.9	9.8	1,536	16,703	5.15

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer									Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
New York—Continued																		
Area 3a	9,849	6,544	25.2	100.0	100.0	100.0	364	1,465,533	9.56	2.63	3,232	6.8	100.0	100.0	100.0	3,347	496,172	11.99
Commercial farms	6,844	5,524	27.6	84.4	95.1	95.2	363	1,398,943	9.59	2.64	2,907	7.3	89.9	94.1	93.8	3,360	474,492	12.23
Class I	133	123	40.3	1.9	8.3	6.9	438	126,418	12.03	2.74	102	8.2	3.2	5.1	5.1	3,316	25,618	12.03
Class II	895	815	34.6	12.5	28.3	27.9	369	420,245	9.83	2.66	594	10.8	18.4	30.5	32.3	3,158	170,449	12.74
Class III	2,080	1,925	29.3	29.4	33.4	34.3	355	489,805	9.32	2.63	1,160	7.9	35.9	36.1	34.4	3,514	177,300	12.48
Class IV	1,920	1,525	21.7	23.3	16.2	17.3	342	228,555	8.63	2.53	650	4.7	20.1	14.8	14.0	3,536	66,995	11.59
Class V	1,321	896	18.9	13.7	7.5	7.5	367	113,600	9.92	2.70	326	4.7	10.1	6.7	6.9	3,227	29,460	10.30
Class VI	495	240	13.0	3.7	1.4	1.4	341	20,320	9.17	2.69	75	2.5	2.3	1.0	1.0	3,318	4,670	10.99
Other farms	3,005	1,020	9.2	15.6	4.9	4.8	372	66,590	9.02	2.42	325	3.2	10.1	5.9	6.2	3,155	21,680	8.40
Area 3b	8,259	5,229	29.5	100.0	100.0	100.0	423	2,296,576	11.35	2.68	2,616	7.0	100.0	100.0	100.0	2,848	487,693	10.10
Commercial farms	5,508	4,268	32.5	81.6	94.4	93.6	427	2,169,836	11.46	2.69	2,315	7.8	88.5	94.2	94.3	2,845	461,326	10.13
Class I	198	183	54.9	3.5	26.1	14.1	782	627,925	21.99	2.81	121	13.3	4.6	10.7	14.3	2,139	66,238	9.59
Class II	956	866	41.5	16.6	33.7	32.4	440	752,385	11.47	2.61	561	9.5	21.4	31.5	30.9	2,900	151,013	10.11
Class III	1,551	1,366	29.1	26.1	19.0	25.0	321	441,910	8.73	2.73	846	7.6	32.3	30.3	27.5	3,143	142,430	10.73
Class IV	1,256	1,001	24.1	19.1	9.8	13.4	311	213,105	7.89	2.54	471	6.1	18.0	14.4	14.1	2,913	68,070	10.00
Class V	1,027	662	23.8	12.7	5.1	7.5	286	116,941	7.67	2.68	241	4.6	9.2	5.7	6.1	2,643	26,070	8.82
Class VI	520	190	10.4	3.6	0.8	1.1	280	17,570	7.64	2.73	75	3.1	2.9	1.6	1.4	3,182	7,505	10.96
Other farms	2,751	961	12.5	18.4	5.6	6.4	371	126,740	9.77	2.63	301	2.7	11.5	5.8	5.7	2,905	26,367	9.57
Areas 4 and C	11,084	7,488	34.3	100.0	100.0	100.0	377	2,930,551	10.19	2.71	2,395	4.4	100.0	100.0	100.0	2,670	315,289	8.48
Commercial farms	7,874	6,248	36.5	83.4	95.7	95.6	377	2,807,196	10.21	2.71	2,200	4.8	91.9	96.3	96.9	2,653	305,369	8.48
Class I	248	233	49.7	3.1	15.9	11.9	503	509,866	14.91	2.96	118	8.5	4.9	14.3	15.7	2,438	49,597	8.50
Class II	1,592	1,486	42.4	19.8	34.0	35.4	361	987,000	9.69	2.68	676	6.5	28.2	40.6	42.1	2,571	131,985	8.43
Class III	2,273	2,028	35.8	27.1	27.3	29.0	354	797,135	9.54	2.69	796	3.9	33.2	26.6	24.4	2,911	84,677	9.33
Class IV	1,991	1,481	27.8	19.8	12.3	12.8	361	338,785	9.23	2.55	400	3.1	16.7	10.6	11.1	2,551	27,580	6.66
Class V	1,220	750	25.0	10.0	5.1	5.5	351	143,440	9.13	2.60	150	1.7	6.3	3.2	2.9	2,948	8,705	8.17
Class VI	550	270	18.2	3.6	1.1	1.0	399	30,970	10.43	2.62	60	1.4	2.5	0.9	0.6	4,000	2,825	12.28
Other farms	3,210	1,240	14.9	16.6	4.3	4.4	375	123,355	9.82	2.62	195	1.4	8.1	3.7	3.1	3,195	9,920	8.59
Areas 5 and D	7,044	4,071	19.6	100.0	100.0	100.0	389	1,140,473	10.18	2.62	1,950	4.9	100.0	100.0	100.0	3,322	252,804	9.01
Commercial farms	5,285	3,604	20.9	88.5	97.1	97.0	389	1,107,188	10.19	2.62	1,734	5.1	88.9	94.6	94.6	3,322	240,074	9.05
Class I	99	94	52.7	2.3	30.6	18.2	655	359,978	17.68	2.70	68	10.2	3.5	9.5	14.1	2,243	24,919	6.30
Class II	984	805	24.9	19.8	28.6	33.2	334	327,075	8.79	2.63	506	6.3	25.9	34.7	33.6	3,430	89,465	9.48
Class III	1,970	1,495	18.1	36.7	24.8	31.1	310	271,120	7.78	2.51	700	4.3	35.9	33.5	29.8	3,737	81,860	9.80
Class IV	1,332	800	12.9	19.7	9.9	11.4	336	111,680	8.75	2.60	320	2.9	16.4	11.3	10.1	3,714	26,820	9.48
Class V	605	285	9.8	7.0	2.6	2.5	406	29,170	10.36	2.55	110	4.5	5.6	3.3	4.6	2,366	8,790	6.84
Class VI	295	125	5.8	3.1	0.6	0.6	358	8,165	12.19	3.40	30	5.9	1.5	2.3	2.4	3,191	8,220	12.09
Other farms	1,759	467	6.7	11.5	2.9	3.0	379	33,285	9.97	2.63	216	3.1	11.1	5.4	5.4	3,314	12,730	8.40
Areas 6 and E	11,446	6,124	17.7	100.0	100.0	100.0	363	1,418,622	9.45	2.60	4,222	6.4	100.0	100.0	100.0	3,141	564,276	10.37
Commercial farms	9,108	5,733	18.8	93.6	98.2	98.1	363	1,394,177	9.46	2.61	3,981	6.7	94.3	97.6	97.3	3,152	551,716	10.42
Class I	175	138	38.7	2.3	14.9	10.9	495	216,646	13.19	2.66	126	12.0	3.0	9.3	9.4	3,125	68,481	13.40
Class II	1,917	1,590	25.2	26.0	38.9	39.4	358	555,944	9.38	2.62	1,216	8.0	28.8	37.8	34.7	3,419	214,976	11.38
Class III	3,348	2,429	17.3	39.7	30.4	34.0	324	435,462	8.53	2.63	1,609	6.2	38.1	34.3	33.5	3,215	189,694	10.41
Class IV	2,247	1,151	10.8	18.8	10.8	10.4	378	147,320	9.45	2.50	755	5.7	17.9	12.6	15.2	2,611	61,175	7.40
Class V	1,020	345	8.4	5.6	2.7	3.0	326	33,190	7.40	2.27	225	4.2	5.3	3.1	4.1	2,430	15,065	6.82
Class VI	401	80	3.8	1.3	0.5	0.4	435	5,615	9.85	2.26	50	1.6	1.2	0.5	0.4	3,277	2,325	9.89
Other farms	2,338	391	4.5	6.4	1.8	1.9	354	24,445	8.71	2.46	241	2.4	5.7	2.4	2.7	2,729	12,560	8.45
Area 7	13,479	6,114	11.4	100.0	100.0	100.0	372	1,341,526	10.07	2.71	1,781	2.4	100.0	100.0	100.0	2,660	164,144	5.94
Commercial farms	10,881	5,714	12.1	93.5	97.5	97.7	371	1,310,632	10.07	2.71	1,718	2.5	96.5	98.1	97.7	2,669	160,607	5.95
Class I	102	84	28.0	1.4	9.0	6.1	549	137,149	16.89	3.08	23	4.9	1.3	4.6	5.2	2,371	9,647	6.75
Class II	1,541	1,187	18.5	19.4	34.3	34.0	376	457,574	10.10	2.69	407	3.3	22.9	33.8	29.4	3,064	52,356	6.45
Class III	3,681	2,425	12.3	39.7	34.9	38.3	339	465,118	9.12	2.69	847	3.1	47.6	44.0	46.9	2,497	71,421	5.51
Class IV	3,209	1,377	7.4	22.5	14.9	14.9	372	192,120	9.67	2.60	326	1.3	18.3	12.0	12.4	2,586	21,358	6.25
Class V	1,696	491	5.2	8.0	3.5	3.7	360	48,051	9.86	2.74	95	1.1	5.3	3.2	3.7	2,283	4,745	4.63
Class VI	652	150	3.3	2.5	0.8	0.7	412	10,620	10.73	2.60	20	0.2	1.1	0.4	0.2	4,923	1,080	16.62
Other farms	2,598	400	3.3	6.5	2.5	2.3	394	30,894	9.98	2.53	63	0.7	3.5	1.9	2.3	2,241	3,537	5.61
Areas 8 and F	7,636	4,120	17.2	100.0	100.0	100.0	369	915,800	9.63	2.61	1,706	4.0	100.0	100.0	100.0	3,247	198,942	9.11
Commercial farms	4,932	3,358	19.2	81.5	94.8	95.2	368	863,535	9.53	2.59	1,535	4.2	90.0	94.5	91.8	3,343	189,697	9.46
Class I	134	99	35.8	2.4	14.3	11.3	468	126,030	11.74	2.51	57	6.4	3.3	6.8	8.7	2,534	19,175	10.04
Class II	817	732	25.5	17.8	33.2	34.8	351	306,042	9.24	2.63	425	5.4	24.9	37.1	32.0	3,764	71,545	10.24
Class III	1,394	1,083	17.9	26.3	27.2	28.7	349	249,593	9.14	2.62	547	4.4	32.1	31.0	30.7	3,277	63,615	9.48
Class IV	1,403	912	13.4	22.1	14.6	14.6	367	129,000	9.26	2.52	350	3.3	20.5	14.8	15.6	3,078	26,505	7.78
Class V	763	376	10.4	9.1	4.1	4.2	363	38,477	9.59	2.64	136	2.4	8.0	4.2	4.2	3,249	8,037	8.75
Class VI	421	156	8.9	3.8	1.5	1.5	360	14,393	9.81	2.73	20	0.7	1.2	0.6	0.5	3,739	820	7.13
Other farms	2,704	762	5.6	18.5	5.2	4.8	398	52,265	11.49	2.89	171	2.2	10.0	5.5	8.2	2,168	9,245	5.16
Area 9	9,559	4,597	23.9	100.0	100.0	100.0	459	2,012,758	12.25	2.67	3,084	7.6	100.0	100.0	100.0	3,085	545,853	10.41
Commercial farms	7,044	4,132	25.4	89.9	96.0	96.3	458	1,942,088	12.27	2.68	2,825	8.0	91.6	96.1	95.6	3,104	525,784	10.50
Class I	729	534	41.8	11.6	39.2	36.2	497	816,415	13.74	2.76	399	9.9	12.9	27.9	26.9	3,205	157,326	11.16
Class II	1,857	1,341	26.1	29.2	32.0	35.0	420	653,182	11.36	2.71	1,047	9.3	33.9	38.2	38.8	3,033	210,298	10.33
Class III	1,935	1,183	17.4	25.7	13.9	15.7	407	272,685	10.57	2.59	853	6.3	27.7	20.0	17.9	3,453	108,157	11.54
Class IV	1,343	688	17.3	15.0	8.1	7.0	526	144,610	12.50	2.38	370	7.0	12.0	7.4	9.0	2,554	36,465	7.74
Class V	837	311	11.2	6.8	2.6	2.2	536	48,776	13.59	2.54	125	4.4	4.1	2.3	2.7	2,610	12,050	8.55
Class VI	343	75	3.4	1.6	0.3	0.3	562	6,420	14.43	2.57	31	1.1	1.0	0.3	0.3	3,343	1,488	10.86
Other farms	2,515	465	9.4	10.1	4.0	3.7	494	70,670	11.68	2.36	259	3.6	8.4	3.9	4.4	2,684	20,069	8.61
Area C	2,680	1,863	72.7	100.0	100.0	100.0	2,040	3,965,960	50.14	2.46	714	9.7	100.0	100.0	100.0	1,343	96,040	9.08
Commercial farms	2,330	1,708	75.3	91.7	98.2	97.0	2,064	3,897,225	50.78	2.46	689	8.7	96.5	86.1	84.1	1,375	86,510	9.72
Class I	660	509	83.4	27.3	54.5	57.6	1,928	2,154,266	47.27	2.45	251	10.7	35.2	52.7	55.4	1,278	59,265	10.11
Class II	713	617	77.2	33.1	34.1	29.4	2,367	1,356,040	58.30	2.46	247	6.1	34.6	18.9	17.4	1,458	18,725	10.15
Class III	406	321	56.3	17.2	7.3	6.7	2,232	292,405	55.32	2.48	110	6.1	15.4	8.9	5.4	2,228	4,295	7.54
Class IV	265	145	38.4	7.8	1.6	1.8	1,721	60,890	41.71	2.42	40	2.9	5.6	1.1	1.0	1,364	1,220	11.09
Class V	140	65	30.1	3.5	0.6	1.2	1,074	27,125	29.01	2.70	25	10.3	3.5	2.6	3.0	1,156	1,630	5.09
Class VI	146	51	26.8	2.7	0.1	0.3	851	6,499	27.66	3.25	16	22.2	2.2	1.9	1.8	1,385	1,375	7.05
Other farms	350	155	34.2	8.3	1.8	3.0	1,239	68,735	29.25	2.36	25	24.4	3.5	13.9	15.9	1,173	9,530	5.67

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
North Carolina, total	267,818	231,144	65.5	100.0	100.0	100.0	573	69,497,500	14.25	2.49	28,324	4.2	100.0	100.0	100.0	1,904	1,907,200	6.10
Commercial farms	181,700	174,474	69.6	75.5	92.3	90.0	587	64,517,485	14.69	2.50	21,505	4.1	75.9	82.2	83.8	1,867	1,631,910	6.23
Class I	1,003	850	76.4	0.4	3.8	3.9	560	2,599,099	13.54	2.42	326	7.5	1.2	6.5	6.0	2,041	122,095	6.48
Class II	5,805	5,460	73.5	2.4	9.2	9.5	554	6,413,580	13.79	2.49	1,689	7.4	6.0	14.4	15.1	1,814	304,197	6.46
Class III	27,537	26,777	75.3	11.6	23.5	22.1	608	16,652,112	15.42	2.54	4,400	4.3	15.5	18.5	19.8	1,782	406,213	6.58
Class IV	62,132	60,503	72.2	26.2	32.0	29.7	617	22,724,335	15.66	2.54	6,796	3.0	24.0	18.9	19.6	1,833	389,360	6.36
Class V	54,437	52,439	63.6	22.7	17.9	17.9	574	12,293,841	14.09	2.46	5,320	3.6	18.8	16.5	15.6	2,012	288,044	5.90
Class VI	30,786	28,445	54.0	12.3	5.7	6.8	485	3,834,518	11.62	2.40	2,974	4.0	10.5	7.5	7.7	1,841	122,001	5.05
Other farms	86,118	56,670	42.8	24.5	7.7	10.0	443	4,980,015	10.22	2.31	6,819	4.4	24.1	17.8	16.2	2,098	275,290	5.44
Areas 1 and A	34,289	23,594	35.1	100.0	100.0	100.0	527	2,625,670	12.16	2.31	5,919	7.6	100.0	100.0	100.0	2,349	179,745	3.82
Commercial farms	13,809	12,800	37.3	54.3	70.2	66.7	555	1,853,997	12.88	2.32	3,389	8.0	57.3	66.4	65.7	2,375	121,386	3.93
Class I	62	52	61.4	0.2	6.7	3.3	1,069	190,092	26.53	2.48	22	5.4	0.4	2.0	1.4	3,433	4,700	7.40
Class II	247	192	61.5	0.8	3.2	3.4	497	86,040	11.88	2.39	87	12.1	1.5	3.2	3.0	2,514	4,955	3.49
Class III	634	607	58.3	2.6	8.1	9.1	469	213,307	10.85	2.31	232	15.4	3.9	7.9	11.0	1,679	12,901	2.48
Class IV	1,560	1,470	38.9	6.2	12.5	11.8	515	332,990	12.09	2.35	617	8.8	10.4	15.1	13.3	2,678	27,746	4.44
Class V	4,542	4,261	33.1	18.1	22.1	20.8	562	577,070	12.88	2.29	1,182	7.7	20.0	21.9	22.2	2,323	39,551	3.79
Class VI	6,764	6,218	30.6	26.4	17.6	17.4	534	454,498	12.11	2.27	1,249	5.7	21.1	16.3	14.8	2,575	31,533	4.52
Other farms	20,480	10,794	31.3	45.7	29.8	33.3	472	771,673	10.73	2.27	2,530	7.0	42.7	33.6	34.3	2,299	58,359	3.62
Area 2	11,030	8,222	46.3	100.0	100.0	100.0	391	848,629	8.49	2.17	1,193	5.6	100.0	100.0	100.0	2,260	60,834	5.04
Commercial farms	3,111	2,778	53.1	33.8	64.3	60.4	416	548,601	9.10	2.19	606	6.6	50.8	63.5	62.3	2,306	39,074	5.20
Class I	62	46	61.1	0.6	3.3	2.6	492	31,930	12.19	2.48	26	18.6	2.2	4.5	6.6	1,547	2,557	3.22
Class II	197	147	58.4	1.8	11.0	8.8	486	81,050	9.19	1.89	66	11.9	5.5	12.7	14.9	1,925	5,376	2.99
Class III	254	214	58.8	2.6	6.4	7.2	352	61,498	8.61	2.45	62	7.8	5.2	8.7	7.9	2,494	10,375	10.91
Class IV	522	467	57.9	5.7	13.0	11.7	431	114,625	9.78	2.27	164	7.6	13.7	20.7	12.8	3,652	8,906	5.76
Class V	1,093	993	51.2	12.1	19.3	18.2	415	166,313	9.16	2.21	182	4.5	15.3	10.5	13.4	1,770	7,795	4.84
Class VI	983	911	45.2	11.1	11.3	11.9	371	93,185	7.87	2.12	106	3.1	8.9	6.4	6.7	2,168	4,065	5.03
Other farms	7,919	5,444	38.7	66.2	35.7	39.6	352	300,028	7.58	2.15	587	4.4	49.2	36.5	37.7	2,185	21,760	4.78
Areas 3, B, and C	41,393	36,973	55.6	100.0	100.0	100.0	574	8,302,423	14.03	2.44	3,419	3.2	100.0	100.0	100.0	2,146	222,520	6.60
Commercial farms	30,455	29,451	58.7	79.7	92.2	90.6	585	7,691,768	14.35	2.45	2,632	3.0	77.0	80.6	82.0	2,109	179,570	6.50
Class I	99	84	72.8	0.2	1.9	2.9	373	150,722	8.81	2.36	44	9.3	1.3	4.5	6.5	1,491	8,481	3.89
Class II	481	445	69.5	1.2	5.4	6.8	452	458,665	11.34	2.51	205	7.3	6.0	14.8	12.6	2,528	29,723	7.02
Class III	2,074	1,999	65.7	5.4	12.9	13.4	552	1,049,974	13.21	2.39	438	4.0	12.8	15.4	14.5	2,282	33,420	6.84
Class IV	9,603	9,412	59.6	25.5	34.9	32.6	615	2,933,387	15.23	2.47	878	2.0	25.7	18.7	19.3	2,088	45,452	7.00
Class V	13,316	12,940	55.1	35.0	30.7	28.0	630	2,559,310	15.47	2.46	802	2.2	23.5	21.0	20.0	2,245	46,734	6.92
Class VI	4,882	4,571	47.0	12.4	6.5	6.9	540	539,710	13.15	2.43	265	3.5	7.8	6.2	9.1	1,445	15,760	5.12
Other farms	10,938	7,522	36.7	20.3	7.8	9.4	475	610,655	11.00	2.32	787	4.0	23.0	19.4	18.0	2,312	42,950	7.06
Area 4a	12,478	10,436	52.1	100.0	100.0	100.0	405	1,961,175	9.31	2.30	1,347	4.7	100.0	100.0	100.0	2,099	124,945	6.60
Commercial farms	6,363	5,833	55.4	55.9	83.3	80.8	417	1,643,815	9.66	2.32	1,001	5.3	74.3	86.8	85.7	2,128	109,067	6.72
Class I	93	68	64.0	0.7	5.5	5.6	395	111,037	9.43	2.39	24	5.7	1.8	6.2	5.6	2,346	8,905	8.42
Class II	380	335	61.2	3.2	13.0	11.4	459	254,125	10.56	2.30	122	11.8	9.1	25.4	24.5	2,178	33,057	7.13
Class III	730	640	58.9	6.1	15.4	16.3	382	298,340	8.67	2.27	158	4.8	11.7	13.2	14.7	1,885	16,420	5.90
Class IV	1,305	1,190	55.3	11.4	18.6	17.4	432	374,450	10.22	2.36	196	3.1	14.6	10.2	10.8	1,981	13,140	6.39
Class V	2,335	2,190	50.8	21.0	21.6	19.7	442	426,098	10.25	2.32	356	5.5	26.4	25.3	23.8	2,231	29,385	6.52
Class VI	1,520	1,410	50.7	13.5	9.2	10.3	363	179,765	8.29	2.29	145	2.8	10.8	6.5	6.3	2,169	8,160	6.89
Other farms	6,115	4,603	41.7	44.1	16.7	19.2	353	317,360	7.85	2.23	346	2.8	25.7	13.2	14.3	1,926	15,878	5.85
Area 4b	13,418	11,025	61.5	100.0	100.0	100.0	359	2,646,722	8.07	2.25	2,568	8.1	100.0	100.0	100.0	2,022	303,469	7.06
Commercial farms	5,520	5,149	66.3	46.7	78.7	77.6	364	2,099,832	8.25	2.26	1,618	8.9	63.0	80.6	79.6	2,048	243,314	7.11
Class I	42	42	73.4	0.4	3.3	2.9	417	84,363	8.99	2.15	31	10.0	1.2	3.2	3.0	2,148	10,406	8.13
Class II	290	275	77.5	2.5	13.0	12.7	368	338,240	8.12	2.20	169	13.8	6.6	16.0	17.3	1,876	59,100	7.96
Class III	615	580	73.4	5.3	18.5	16.9	392	518,109	9.33	2.38	283	9.9	11.0	21.3	17.5	2,468	60,283	8.03
Class IV	991	940	61.2	8.5	16.6	15.7	380	424,715	8.24	2.17	380	7.6	14.8	16.5	14.8	2,257	47,620	7.48
Class V	1,826	1,696	63.1	15.4	17.7	18.5	343	470,275	7.73	2.25	500	8.2	19.5	18.5	18.3	2,034	51,085	6.47
Class VI	1,756	1,616	57.9	14.7	9.6	10.8	319	264,130	7.44	2.33	255	6.1	9.9	5.1	8.7	1,183	14,820	3.96
Other farms	7,898	5,876	49.3	53.3	21.3	22.4	341	546,890	7.42	2.18	950	5.9	37.0	19.4	20.4	1,921	60,155	6.85
Areas 5 and D	22,228	18,771	66.1	100.0	100.0	100.0	441	4,690,152	9.65	2.19	2,122	4.1	100.0	100.0	100.0	2,125	170,586	5.67
Commercial farms	11,016	10,469	72.4	55.8	80.1	79.6	444	3,756,079	9.72	2.19	1,542	4.6	72.7	81.7	82.0	2,118	139,086	5.64
Class I	50	45	80.6	0.2	1.5	1.6	399	67,640	8.53	2.14	14	3.8	0.7	1.2	1.2	2,053	2,560	6.83
Class II	369	329	76.0	1.8	7.5	7.9	418	340,539	8.87	2.12	126	7.2	5.9	10.6	12.2	1,855	19,692	5.39
Class III	859	783	72.9	4.2	13.3	12.1	481	629,642	10.67	2.22	273	8.0	12.9	17.4	21.5	1,726	26,785	4.15
Class IV	1,828	1,738	71.5	9.3	17.8	18.2	429	834,793	9.42	2.20	374	5.3	17.6	25.9	21.9	2,512	44,329	6.72
Class V	4,089	3,929	74.6	20.9	26.2	25.6	451	1,232,360	9.90	2.20	465	3.0	21.9	18.3	16.9	2,307	32,335	6.37
Class VI	3,821	3,645	66.7	19.4	13.9	14.0	438	651,105	9.56	2.19	290	2.5	13.7	8.2	8.3	2,100	13,385	5.34
Other farms	11,212	8,302	49.6	44.2	19.9	20.4	428	934,073	9.40	2.20	580	2.7	27.3	18.3	18.0	2,157	31,500	5.82
Areas 6 and E	33,506	31,229	74.8	100.0	100.0	100.0	666	10,817,564	17.17	2.58	1,617	1.6	100.0	100.0	100.0	1,878	96,763	7.00
Commercial farms	27,924	27,175	76.4	87.0	96.0	95.2	671	10,377,014	17.30	2.58	1,401	1.6	86.6	90.6	90.4	1,883	87,473	7.00
Class I	93	58	84.4	0.2	1.3	1.6	526	138,420	13.75	2.62	14	3.2	0.9	2.5	2.8	1,714	2,656	6.90
Class II	471	441	76.7	1.4	4.7	5.1	612	498,045	15.55	2.54	94	4.5	5.8	12.1	13.5	1,684	10,790	5.79
Class III	3,972	3,896	77.5	12.5	23.4	22.4	694	2,532,953	17.94	2.58	353	2.1	21.8	30.3	27.3	2,087	26,667	7.07
Class IV	11,368	11,138	78.2	35.7	41.3	40.2	684	4,492,242	17.73	2.59	547	1.1	33.8	24.5	25.3	1,822	28,558	8.18
Class V	8,758	8,582	74.4	27.5	20.8	20.8	668	2,223,936	16.99	2.54	286	1.1	17.7	15.8	13.8	2,144	13,343	6.99
Class VI	3,262	3,060	66.1	9.8	4.5	5.1	585	491,418	15.28	2.61	107	2.2	6.6	5.4	7.8	1,310	5,459	5.09
Other farms	5,582	4,054	52.5	13.0	4.0	4.8	561	440,550	14.61	2.60	216	2.3	13.4	9.4	9.6	1,830	9,290	7.00
Area 7	18,637	16,544	74.3	100.0	100.0	100.0	577	7,003,771	14.67	2.54	2,576	5.1	100.0	100.0	100.0	1,213	177,951	5.48
Commercial farms	15,729	14,988	74.8	90.6	97.1	96.9	578	6,799,076	14.70	2.54	2,448	5.0	95.0	93.9	95.5	1,194	171,236	5.52
Class I	92	82	76.9	0.5	4.8	5.2	536	327,068	13.26	2.47	25	6.9	1.0	10.1	6.8	1,798	17,150	7.74
Class II	792	772	71.6	4.7	13.2	13.3	572	941,774	14.87	2.60	222	6.7	8.6	19.8	18.2	1,315	34,936	5.90
Class III	4,181	4,104	76.5	24.8	35.1	34.1	593	2,481,836	15.25	2.57	731	4.6	28.4	31.1	29.9	1,264	58,495	6.03
Class IV	5,834	5,679	75.4	34.3	29.0	29.1	574	2,033,748	14.63	2.55	915	4.2	35.5	18.4	23.8	940	34,530	4.47
Class V	3,141	2,958	73.3	17.9	11.8	11.7	582	801,861	14.39	2.47	375	4.9	14.6	9.6	11.5	1,007	17,605	4.70
Class VI	1,689	1,393	69.2	8.4	3.2	3.6	524	212,789	12.47	2.38	180	6.9	7.0	4.9	5.2	1,141	8,520	5.01
Other farms	2,908	1,556	61.1	9.4	2.9	3.1	552	204,695	13.90	2.52	128	6.1	5.0	6.1	4.5	1,630	6,715	4.58

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
North Carolina—Continued																		
Area 8	29,735	28,187	82.4	100.0	100.0	100.0	684	12,514,390	17.78	2.60	1,821	1.8	100.0	100.0	100.0	1,237	90,942	5.84
Commercial farms	27,510	27,048	83.0	96.0	98.7	98.6	685	12,388,975	17.85	2.60	1,780	1.8	97.7	96.2	97.9	1,215	89,392	5.86
Class I	76	71	73.7	0.3	1.3	2.0	436	161,976	11.30	2.59	17	3.0	0.9	5.6	3.8	1,824	4,242	7.19
Class II	1,140	1,117	81.3	4.0	11.1	11.4	667	1,366,515	17.00	2.55	163	4.2	9.0	28.5	26.7	1,317	21,860	5.25
Class III	7,928	7,829	83.0	27.8	37.6	37.2	691	4,726,745	18.04	2.61	686	1.6	37.7	27.4	32.6	1,041	28,774	5.67
Class IV	13,015	12,895	85.1	45.7	39.1	38.1	701	4,918,165	18.32	2.61	696	1.2	38.2	20.7	24.5	1,047	23,290	6.11
Class V	3,978	3,913	82.8	13.9	8.0	7.7	708	1,001,793	18.40	2.60	148	1.7	8.1	8.1	7.3	1,373	7,071	6.26
Class VI	1,373	1,223	67.6	4.3	1.7	2.1	555	213,781	14.74	2.66	70	2.2	3.8	5.9	3.1	2,375	4,155	8.66
Other farms	2,225	1,139	56.4	4.0	1.3	1.4	621	125,415	12.87	2.07	41	1.9	2.3	3.8	2.1	2,298	1,550	4.81
Area 9	17,754	16,305	72.7	100.0	100.0	100.0	574	5,983,359	14.23	2.48	907	1.8	100.0	100.0	100.0	1,665	73,863	7.15
Commercial farms	14,289	13,707	75.1	84.1	95.7	95.0	578	5,725,338	14.33	2.48	826	1.8	91.1	93.3	95.0	1,635	69,643	7.10
Class I	103	87	76.9	0.5	5.6	6.8	472	328,487	11.41	2.42	14	2.2	1.5	7.9	7.8	1,685	3,900	4.83
Class II	459	435	65.2	2.7	8.5	9.0	539	512,900	13.51	2.51	90	3.1	9.9	21.1	17.2	2,038	14,122	7.95
Class III	2,203	2,118	74.0	13.0	22.7	21.8	599	1,345,042	14.68	2.45	221	1.9	24.4	21.5	22.6	1,584	18,875	8.10
Class IV	5,968	5,733	79.3	35.2	37.9	35.8	608	2,282,395	15.17	2.50	281	1.6	31.0	26.3	29.7	1,476	18,186	5.93
Class V	3,993	3,821	75.7	23.4	16.6	16.3	583	991,820	14.44	2.48	155	1.1	17.1	8.1	10.1	1,337	7,370	7.09
Class VI	1,563	1,513	68.7	9.3	4.4	5.2	484	264,694	12.01	2.48	65	2.5	7.2	8.4	7.6	1,835	7,190	9.10
Other farms	3,465	2,598	45.4	15.9	4.3	5.0	494	258,021	12.25	2.48	81	1.1	8.9	6.7	5.0	2,231	4,220	8.12
Area 10	6,120	5,018	77.6	100.0	100.0	100.0	583	2,986,051	14.65	2.51	991	8.3	100.0	100.0	100.0	1,822	155,124	7.13
Commercial farms	4,547	4,323	78.3	86.1	97.6	97.2	586	2,911,471	14.70	2.51	910	8.3	91.8	97.9	96.3	1,852	150,306	7.17
Class I	114	114	90.7	2.3	21.6	18.3	689	599,793	16.11	2.34	59	13.3	6.0	35.6	25.1	2,588	40,355	7.40
Class II	452	451	78.4	9.0	24.1	23.3	603	724,735	15.25	2.53	154	8.7	15.5	23.7	24.3	1,780	38,481	7.29
Class III	1,032	1,017	77.8	20.3	24.7	27.0	533	737,113	13.38	2.51	257	6.6	25.9	22.0	21.6	1,861	39,075	8.33
Class IV	1,411	1,370	73.0	27.3	17.2	17.3	579	533,335	15.14	2.61	280	8.3	28.3	11.5	18.4	1,140	23,315	5.81
Class V	971	916	71.2	18.3	8.1	9.0	527	254,510	13.92	2.64	120	5.4	12.1	4.7	6.4	1,353	8,395	6.04
Class VI	567	455	71.0	9.1	2.0	2.3	508	61,985	13.15	2.59	40	2.0	4.0	0.3	0.6	963	685	5.07
Other farms	1,573	695	59.8	13.9	2.4	2.8	493	74,580	12.99	2.63	81	8.4	8.2	2.1	3.7	1,031	4,818	5.99
Area 11	27,230	24,840	72.6	100.0	100.0	100.0	678	9,117,594	17.86	2.64	3,844	4.8	100.0	100.0	100.0	1,568	250,458	7.43
Commercial farms	21,427	20,753	74.7	83.5	95.6	95.1	682	8,721,519	17.97	2.64	3,352	4.8	87.2	93.0	92.7	1,573	232,363	7.44
Class I	117	101	72.5	0.4	4.8	4.1	783	407,571	19.45	2.48	36	10.6	0.9	8.7	9.1	1,498	16,183	5.26
Class II	527	521	76.9	2.1	8.8	8.5	705	810,952	18.77	2.66	191	8.7	5.0	14.0	14.5	1,513	32,105	6.55
Class III	3,055	2,990	75.7	12.0	22.6	22.0	696	2,057,553	18.31	2.63	706	5.7	18.4	28.5	25.0	1,789	74,143	8.81
Class IV	8,727	8,471	75.5	34.1	37.6	38.3	665	3,449,490	17.63	2.65	1,468	3.8	38.2	27.7	29.2	1,486	74,288	7.54
Class V	6,395	6,240	73.5	25.1	17.4	17.5	673	1,588,495	17.78	2.64	749	2.7	19.5	10.3	9.8	1,637	27,375	8.27
Class VI	2,606	2,430	67.2	9.8	4.5	4.6	652	407,458	17.19	2.64	202	4.8	5.3	3.8	5.0	1,187	8,269	4.90
Other farms	5,803	4,087	47.5	16.5	4.4	4.9	602	396,075	15.68	2.60	492	4.6	12.8	7.0	7.3	1,502	18,095	7.36
North Dakota, total	61,808	9,984	6.0	100.0	100.0	100.0	64	4,518,316	2.69	4.18	13	(Z)	100.0	100.0	100.0	857	166	1.19
Commercial farms	59,546	9,924	6.0	99.4	99.8	99.9	64	4,509,111	2.69	4.18	13	(Z)	100.0	100.0	100.0	857	166	1.19
Class I	1,071	702	26.1	7.0	28.1	20.3	89	1,183,869	3.48	3.91	...	...	...	...	...	...	...	...
Class II	7,502	2,928	10.7	29.3	35.3	37.6	60	1,622,676	2.57	4.25	1	(Z)	7.7	1.7	0.7	2,000	3	3.00
Class III	18,301	3,672	4.7	36.8	24.2	27.4	57	1,129,137	2.45	4.33	11	(Z)	84.6	93.3	97.1	824	153	1.12
Class IV	20,363	2,015	2.6	20.2	9.9	11.9	54	465,202	2.34	4.34	1	(Z)	7.7	5.0	2.1	2,000	10	3.33
Class V	9,450	516	1.5	5.2	1.9	2.3	54	88,852	2.30	4.26	...	...	...	...	...	...	...	...
Class VI	2,859	91	1.3	0.9	0.4	0.4	65	19,375	2.90	4.48	...	...	...	...	...	...	...	...
Other farms	2,262	60	1.2	0.6	0.2	0.1	95	9,205	4.23	4.47	...	...	...	...	...	...	...	...
Area 1	10,779	544	1.1	100.0	100.0	100.0	73	165,686	3.09	4.23	3	(Z)	100.0	100.0	100.0	2,000	16	3.20
Commercial farms	10,439	537	1.1	98.7	99.5	99.5	73	165,042	3.09	4.24	3	(Z)	100.0	100.0	100.0	2,000	16	3.20
Class I	122	45	3.0	8.3	13.4	9.0	109	24,181	5.01	4.60	...	...	...	...	...	...	...	...
Class II	951	155	2.6	28.5	38.6	41.0	69	60,800	2.77	4.02	1	(Z)	33.3	20.0	20.0	2,000	3	3.00
Class III	2,913	193	0.9	35.5	23.6	28.1	61	41,257	2.74	4.47	1	(Z)	33.3	20.0	20.0	2,000	3	3.00
Class IV	3,935	88	0.5	16.2	18.9	16.1	86	32,001	3.70	4.32	1	(Z)	33.3	60.0	60.0	2,000	10	3.33
Class V	1,941	55	0.5	10.1	4.9	5.2	69	6,703	2.41	3.49	...	...	...	...	...	...	...	...
Class VI	577	1	0.1	0.2	0.1	0.1	33	100	1.67	5.00	...	...	...	...	...	...	...	...
Other farms	340	7	0.5	1.3	0.5	0.5	67	644	2.40	3.58	...	...	...	...	...	...	...	...
Area 2a	6,443	318	1.1	100.0	100.0	100.0	50	75,348	2.00	3.98	...	...	...	...	...	...	...	...
Commercial farms	6,163	313	1.1	98.4	99.6	99.7	50	74,898	1.99	3.97	...	...	...	...	...	...	...	...
Class I	47	15	3.8	4.7	15.6	8.3	95	11,033	3.54	3.73	...	...	...	...	...	...	...	...
Class II	662	91	2.1	28.6	37.5	39.7	47	27,630	1.85	3.89	...	...	...	...	...	...	...	...
Class III	1,879	121	1.0	38.1	29.6	32.3	46	22,977	1.89	4.10	...	...	...	...	...	...	...	...
Class IV	2,182	65	0.5	20.4	11.6	13.5	43	9,729	1.91	4.42	...	...	...	...	...	...	...	...
Class V	1,030	21	0.7	6.6	5.3	6.0	44	3,529	1.57	3.53	...	...	...	...	...	...	...	...
Class VI	363	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other farms	280	5	0.4	1.6	0.4	0.3	80	450	4.50	5.62	...	...	...	...	...	...	...	...
Area 2b	5,837	119	0.3	100.0	100.0	100.0	51	15,459	2.03	4.03	...	...	...	...	...	...	...	...
Commercial farms	5,656	119	0.3	100.0	100.0	100.0	51	15,459	2.03	4.03	...	...	...	...	...	...	...	...
Class I	42	5	1.9	4.2	11.5	13.0	45	1,849	1.88	4.20	...	...	...	...	...	...	...	...
Class II	497	28	0.8	23.5	34.9	41.4	43	5,518	1.76	4.12	...	...	...	...	...	...	...	...
Class III	1,856	47	0.3	39.5	37.0	34.9	54	5,557	2.09	3.91	...	...	...	...	...	...	...	...
Class IV	2,159	34	0.1	28.6	15.6	10.4	76	2,445	3.10	4.08	...	...	...	...	...	...	...	...
Class V	911	5	(Z)	4.2	1.0	0.4	133	90	3.00	2.25	...	...	...	...	...	...	...	...
Class VI	191	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other farms	181	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 3a	14,428	2,369	6.1	100.0	100.0	100.0	43	859,116	1.99	4.61	10	(Z)	100.0	100.0	100.0	815	150	1.11
Commercial farms	13,716	2,359	6.1	99.6	99.9	99.9	43	858,356	1.99	4.61	10	(Z)	100.0	100.0	100.0	815	150	1.11
Class I	103	55	18.0	2.3	8.9	8.8	43	74,107	1.95	4.49	...	...	...	...	...	...	...	...
Class II	1,489	560	10.1	23.6	31.6	32.7	42	274,899	1.95	4.67	...	...	...	...	...	...	...	...
Class III	3,837	927	6.4	39.1	36.7	35.3	45	308,132	2.08	4.50	10	(Z)	100.0	100.0	100.0	815	150	1.11
Class IV	4,941	624	3.8	26.3	18.0	18.9	41	160,797	1.98	4.79	...	...	...	...	...	...	...	...
Class V	2,515	153	1.8	6.5	3.2	3.2	44	27,876	2.04	4.68	...	...	...	...	...	...	...	...
Class VI	831	40	2.9	1.7	1.5	1.1	57	12,545	2.62	4.61	...	...	...	...	...	...	...	...
Other farms	712	10	0.6	0.4	0.1	0.1	53	760	2.53	4.75	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
North Dakota—Continued																		
Area 3b	9,387	1,412	5.0	100.0	100.0	100.0	53	483,925	2.30	4.33	...	...	...	...	...	...	...	...
Commercial farms	9,115	1,411	5.0	99.9	99.6	99.8	53	481,925	2.30	4.33	...	...	...	...	...	...	...	...
Class I	120	62	18.0	4.4	14.0	13.6	55	68,625	2.40	4.39	...	...	...	...	...	...	...	...
Class II	1,253	490	9.4	34.7	45.4	46.2	52	218,245	2.25	4.30	...	...	...	...	...	...	...	...
Class III	3,042	558	3.6	39.5	27.3	27.2	53	132,938	2.33	4.36	...	...	...	...	...	...	...	...
Class IV	3,002	249	2.2	17.6	10.9	11.2	52	51,793	2.21	4.24	...	...	...	...	...	...	...	...
Class V	1,302	47	1.1	3.3	2.0	1.7	63	10,199	2.92	4.64	...	...	...	...	...	...	...	...
Class VI	396	5	0.1	0.4	(Z)	(Z)	52	125	1.67	3.12	...	...	...	...	...	...	...	...
Other farms	272	1	2.7	0.1	0.4	0.2	135	2,000	6.15	4.55	...	...	...	...	...	...	...	...
Area 3c	5,777	970	4.4	100.0	100.0	100.0	71	265,748	2.89	4.06	...	...	...	...	...	...	...	...
Commercial farms	5,562	960	4.4	99.0	99.8	99.8	71	265,223	2.89	4.06	...	...	...	...	...	...	...	...
Class I	37	16	13.7	1.6	7.6	6.7	81	17,330	2.82	3.47	...	...	...	...	...	...	...	...
Class II	668	256	8.5	26.4	39.2	39.8	70	105,797	2.89	4.12	...	...	...	...	...	...	...	...
Class III	1,800	406	3.8	41.9	32.2	31.9	72	84,673	2.89	4.01	...	...	...	...	...	...	...	...
Class IV	2,002	232	2.6	23.9	16.3	17.4	67	45,213	2.83	4.23	...	...	...	...	...	...	...	...
Class V	805	30	1.8	3.1	3.5	3.5	70	9,725	2.99	4.30	...	...	...	...	...	...	...	...
Class VI	250	20	1.9	2.1	0.9	0.6	113	2,485	4.52	4.01	...	...	...	...	...	...	...	...
Other farms	215	10	1.4	1.0	0.2	0.2	75	525	3.28	4.38	...	...	...	...	...	...	...	...
Area 4	9,157	4,252	23.5	100.0	100.0	100.0	77	2,653,034	3.13	4.05	...	...	...	...	...	...	...	...
Commercial farms	8,895	4,225	23.6	99.4	99.8	99.9	77	2,648,208	3.13	4.05	...	...	...	...	...	...	...	...
Class I	600	504	43.7	11.9	39.3	30.5	99	986,744	3.81	3.83	...	...	...	...	...	...	...	...
Class II	1,982	1,348	28.4	31.7	34.0	37.4	70	929,787	2.93	4.17	...	...	...	...	...	...	...	...
Class III	2,974	1,420	16.8	33.4	19.0	22.7	65	533,603	2.78	4.28	...	...	...	...	...	...	...	...
Class IV	2,142	723	11.9	17.0	6.2	7.5	63	163,224	2.55	4.03	...	...	...	...	...	...	...	...
Class V	946	205	7.6	4.8	1.1	1.6	57	30,730	2.33	4.11	...	...	...	...	...	...	...	...
Class VI	251	25	4.5	0.6	0.1	0.1	76	4,120	3.40	4.48	...	...	...	...	...	...	...	...
Other farms	262	27	5.5	0.6	0.2	0.1	105	4,826	4.71	4.47	...	...	...	...	...	...	...	...
Ohio, total	177,098	137,615	50.4	100.0	100.0	100.0	291	51,710,805	7.77	2.67	47,918	6.4	100.0	100.0	100.0	3,681	6,510,921	7.74
Commercial farms	123,457	110,820	52.2	80.5	95.2	95.7	289	49,332,674	7.74	2.67	40,502	6.4	84.5	93.0	92.5	3,702	5,947,606	7.64
Class I	3,018	2,860	60.2	2.1	11.0	8.9	361	5,924,881	10.03	2.78	1,268	6.5	2.6	7.6	7.5	3,721	445,781	7.04
Class II	19,744	19,302	57.5	14.0	31.5	31.8	288	16,685,376	7.88	2.73	7,661	6.0	16.0	27.2	26.2	3,825	1,643,037	7.46
Class III	32,497	31,406	53.3	22.8	28.1	29.9	274	14,359,547	7.21	2.63	12,356	6.4	25.8	28.7	28.6	3,697	1,870,055	7.77
Class IV	31,778	29,227	47.6	21.2	15.8	16.5	278	7,989,308	7.25	2.61	10,345	6.5	21.6	17.8	18.0	3,651	1,188,153	7.85
Class V	24,955	20,805	40.8	15.1	7.2	7.2	295	3,627,797	7.62	2.58	6,927	7.1	14.5	9.4	9.9	3,495	649,000	7.79
Class VI	11,465	7,220	30.4	5.2	1.5	1.5	298	745,765	7.57	2.54	1,945	5.9	4.1	2.2	2.3	3,574	151,580	7.88
Other farms	53,641	26,795	28.2	19.5	4.8	4.3	329	2,378,131	8.37	2.55	7,416	6.3	15.5	7.0	7.5	3,421	563,315	8.95
Areas 1 and A	21,638	17,819	52.6	100.0	100.0	100.0	273	8,407,827	7.48	2.74	3,345	2.9	100.0	100.0	100.0	2,760	360,218	5.82
Commercial farms	18,495	16,536	52.8	92.8	98.5	98.7	272	8,288,810	7.47	2.75	3,205	2.9	95.8	99.1	98.4	2,780	357,103	5.86
Class I	583	565	61.3	3.2	11.5	9.0	347	1,006,060	9.90	2.85	139	2.8	4.2	9.9	7.6	3,602	30,445	6.50
Class II	4,541	4,421	55.8	24.8	42.5	41.2	281	3,648,350	7.87	2.80	956	2.7	28.6	40.2	36.9	3,008	129,008	5.65
Class III	5,720	5,495	51.7	30.8	28.1	30.6	250	2,311,560	6.72	2.69	1,120	3.0	33.5	30.8	31.8	2,673	129,050	6.55
Class IV	4,486	4,055	46.8	22.8	12.6	13.7	250	1,015,625	6.58	2.63	645	3.0	19.3	12.7	16.1	2,177	49,340	4.96
Class V	2,350	1,770	43.1	9.9	3.5	3.7	257	280,375	6.76	2.63	285	3.5	8.5	5.1	5.4	2,597	17,965	5.34
Class VI	815	230	31.1	1.3	0.3	0.3	280	26,840	7.12	2.54	60	3.0	1.8	0.4	0.6	1,944	1,295	3.60
Other farms	3,143	1,283	43.3	7.2	1.5	1.3	298	119,017	7.86	2.64	140	2.8	4.2	0.9	1.6	1,497	3,115	3.13
Area 2	21,491	18,095	56.1	100.0	100.0	100.0	258	8,787,448	6.95	2.70	4,979	5.0	100.0	100.0	100.0	3,776	678,841	6.00
Commercial farms	18,715	17,069	56.3	94.3	98.6	98.7	258	8,667,623	6.94	2.70	4,878	5.0	98.0	98.8	98.6	3,781	670,946	6.01
Class I	433	417	61.3	2.3	9.5	7.8	312	846,433	8.56	2.74	178	4.8	3.6	7.2	6.9	3,979	47,176	6.08
Class II	3,981	3,946	59.0	21.8	38.4	37.3	265	3,449,620	7.31	2.76	1,605	5.8	32.2	42.5	40.9	3,923	288,395	6.23
Class III	6,301	6,186	55.5	34.2	32.7	34.4	245	2,839,075	6.52	2.67	1,725	4.6	34.6	31.3	32.0	3,690	207,600	5.73
Class IV	4,670	4,350	52.1	24.0	13.9	14.7	243	1,170,765	6.29	2.59	960	4.3	19.3	13.6	13.6	3,776	96,555	6.27
Class V	2,450	1,875	49.3	10.4	3.8	4.0	247	324,670	6.47	2.62	360	5.0	7.2	3.7	4.5	3,085	27,540	5.44
Class VI	880	295	43.3	1.6	0.4	0.4	260	37,060	7.21	2.78	50	7.5	1.0	0.5	0.8	2,452	3,680	4.16
Other farms	2,776	1,026	42.9	5.7	1.4	1.3	280	119,825	7.47	2.67	101	4.1	2.0	1.2	1.4	3,355	7,895	5.09
Areas 3, B, C, and D	32,425	25,978	58.2	100.0	100.0	100.0	276	13,450,591	7.45	2.70	5,393	4.4	100.0	100.0	100.0	3,835	985,986	7.17
Commercial farms	25,579	23,152	58.7	89.1	98.1	98.0	276	13,199,781	7.46	2.70	5,074	4.4	94.1	98.0	97.6	3,849	966,661	7.20
Class I	997	950	60.1	3.7	16.0	13.3	331	2,246,685	9.35	2.83	363	5.7	6.7	16.7	16.6	3,855	163,704	7.19
Class II	5,692	5,617	60.9	21.6	37.4	37.4	276	5,087,856	7.53	2.73	1,671	4.6	31.0	39.5	37.4	4,051	395,017	7.69
Class III	7,340	7,110	58.5	27.4	26.8	28.2	262	3,502,050	6.87	2.62	1,605	4.0	29.8	25.4	25.7	3,801	241,855	6.86
Class IV	6,095	5,535	55.5	21.3	12.7	13.5	259	1,674,395	6.87	2.65	925	3.8	17.2	10.9	12.1	3,449	112,380	6.74
Class V	4,065	3,150	51.4	12.1	4.4	4.7	260	578,725	6.80	2.62	415	4.1	7.7	4.4	5.0	3,404	44,045	6.44
Class VI	1,390	790	49.6	3.0	0.8	0.8	263	110,070	7.19	2.73	95	4.0	1.8	1.1	0.9	4,645	9,660	7.89
Other farms	6,846	2,826	41.2	10.9	1.9	2.0	270	250,810	7.05	2.61	319	3.8	5.9	2.0	2.4	3,256	19,325	5.93
Areas 4a and E	8,198	5,977	51.9	100.0	100.0	100.0	350	2,351,205	8.93	2.55	2,670	8.5	100.0	100.0	100.0	4,249	311,465	7.18
Commercial farms	5,056	4,446	54.6	74.4	94.5	94.5	350	2,220,895	8.92	2.55	2,204	8.7	82.5	92.5	91.8	4,284	280,207	7.04
Class I	220	210	67.6	3.5	15.7	10.8	508	357,175	12.52	2.46	109	11.2	4.1	10.2	10.9	3,995	28,642	6.07
Class II	805	795	58.8	13.3	30.2	29.4	360	711,685	9.19	2.55	475	9.4	17.8	31.6	28.4	4,726	86,285	7.00
Class III	1,311	1,231	53.8	20.6	26.5	28.9	322	633,780	8.32	2.59	685	8.7	25.7	27.3	28.4	4,077	86,400	7.01
Class IV	1,245	1,125	50.4	18.8	14.4	16.8	300	336,920	7.61	2.53	560	7.6	21.0	15.4	15.5	4,234	49,425	7.35
Class V	1,170	915	44.2	15.3	6.7	7.6	311	160,005	8.01	2.57	310	7.0	11.6	6.8	7.3	3,953	24,930	7.85
Class VI	305	170	34.2	2.8	0.8	1.0	300	21,330	8.20	2.73	65	7.0	2.4	1.2	1.2	4,000	4,525	8.46
Other farms	3,142	1,531	27.8	25.6	5.5	5.5	354	130,310	9.01	2.55	466	6.8	17.5	7.5	8.2	3,857	31,258	8.78
Area 4b	11,970	9,950	53.4	100.0	100.0	100.0	308	3,448,189	7.99	2.60	5,943	11.8	100.0	100.0	100.0	3,685	873,570	9.19
Commercial farms	8,972	8,292	54.7	83.3	94.3	94.8	306	3,266,351	7.99	2.61	5,301	11.9	89.2	93.6	93.7	3,682	818,170	9.19
Class I	146	136	73.2	1.4	8.9	6.2	443	329,336	12.30	2.78	96	13.2	1.6	4.3	5.1	3,093	37,500	7.77
Class II	1,051	1,031	58.4	10.4	24.3	22.3	335	853,215	8.87	2.65	810	13.6	13.6	23.2	23.5	3,641	204,445	9.15
Class III	2,815	2,765	55.4	27.8	33.2	35.1	291	1,134,265	7.49	2.58	2,110	12.9	35.5	38.5	37.2	3,822	343,635	9.73
Class IV	2,505	2,370	51.7	23.8	18.4	20.7	273	631,535	7.06	2.58	1,435	10.8	24.1	19.3	19.7	3,622	165,820	8.88
Class V	1,755	1,550	46.0	15.6	7.8	8.6	281	263,165	7.12	2.54	715	8.4	12.0	7.2	7.1	3,743	58,615	8.66
Class VI	700	440	41.9	4.4	1.6	1.9	261	54,835	6.61	2.53	135	5.5	2.3	1.0	1.1	3,244	8,155	7.52
Other farms	2,998	1,658	37.3	16.7	5.7	5.2	341	181,838	8.12	2.38	642	10.0	10.8	6.4	6.3	3,731	55,400	9.18

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Ohio—Continued																		
Areas 5, F, G, and H...	20,815	15,805	45.1	100.0	100.0	100.0	347	3,890,619	9.02	2.60	8,513	11.8	100.0	100.0	100.0	3,882	1,095,794	9.69
Commercial farms	10,879	9,999	49.7	63.3	86.2	86.0	348	3,371,775	9.09	2.61	6,287	12.9	73.9	86.3	85.1	3,934	938,721	9.75
Class I	160	150	59.3	0.9	7.1	4.2	592	279,935	15.57	2.63	88	9.3	1.0	2.4	2.5	3,804	23,755	8.45
Class II	1,026	971	55.6	6.1	19.1	17.2	386	746,605	10.08	2.61	716	14.3	8.4	17.5	16.9	4,015	186,775	9.77
Class III	2,577	2,487	52.7	15.7	27.1	28.2	334	1,069,535	8.80	2.63	1,767	14.0	20.8	29.4	28.6	3,999	321,361	9.95
Class IV	3,101	2,911	47.2	18.4	18.0	19.9	315	697,515	8.13	2.58	1,826	12.3	21.4	20.6	19.7	4,049	225,345	10.11
Class V	2,755	2,520	44.9	15.9	11.8	13.2	312	464,840	8.17	2.62	1,425	12.0	16.7	12.7	13.4	3,677	143,035	9.44
Class VI	1,260	960	33.3	6.1	3.0	3.4	308	113,345	7.71	2.50	465	10.4	5.5	3.7	4.1	3,505	38,450	8.39
Other farms	9,936	5,806	28.8	36.7	13.8	14.0	342	518,844	8.56	2.50	2,226	8.0	26.1	13.7	14.9	3,587	157,073	9.33
Area 6a	9,855	7,820	50.5	100.0	100.0	100.0	302	3,159,235	8.07	2.67	2,848	8.1	100.0	100.0	100.0	3,471	485,597	7.76
Commercial farms	7,244	6,589	52.0	84.3	96.1	96.3	301	3,039,184	8.07	2.68	2,557	8.3	89.8	96.1	96.2	3,469	466,043	7.75
Class I	145	145	60.5	1.9	11.2	8.7	385	363,444	10.62	2.76	104	16.3	3.7	14.2	14.8	3,340	62,615	6.78
Class II	963	953	54.7	12.2	26.9	26.6	305	878,520	8.45	2.77	563	9.7	19.8	29.1	29.5	3,418	140,853	7.63
Class III	1,710	1,680	51.0	21.5	27.7	28.0	299	863,970	7.88	2.64	795	7.3	27.9	29.0	25.2	4,001	135,945	8.63
Class IV	2,060	1,950	51.9	24.9	19.5	21.4	274	595,295	7.09	2.58	625	6.6	21.9	15.3	16.9	3,144	81,165	7.66
Class V	1,756	1,526	46.1	19.5	9.6	10.1	285	300,265	7.56	2.65	405	6.3	14.2	7.5	8.7	2,972	39,640	7.27
Class VI	610	335	34.5	4.3	1.2	1.4	277	37,690	7.09	2.56	65	4.4	2.3	1.0	1.1	3,363	5,825	8.63
Other farms	2,611	1,231	29.5	15.7	3.9	3.7	318	120,051	8.21	2.58	291	4.8	10.2	3.9	3.8	3,523	19,514	8.16
Areas 6b and J	15,931	11,765	34.5	100.0	100.0	100.0	332	2,680,731	8.96	2.70	6,471	10.4	100.0	100.0	100.0	3,615	846,623	9.41
Commercial farms	8,955	7,959	37.6	67.6	86.8	86.6	333	2,333,996	9.01	2.71	4,746	11.1	73.3	85.4	84.7	3,647	678,503	8.90
Class I	106	85	45.0	0.7	8.3	4.7	589	261,839	18.69	3.17	68	7.7	1.1	1.9	2.7	2,567	16,922	7.06
Class II	440	415	47.6	3.5	12.1	11.8	343	334,697	9.52	2.78	295	10.4	4.6	10.2	8.5	4,321	79,001	10.30
Class III	1,444	1,419	45.5	12.1	22.3	23.9	310	595,680	8.32	2.69	994	13.2	15.4	22.6	23.0	3,547	186,877	9.03
Class IV	2,538	2,398	35.2	20.4	23.1	23.5	327	607,443	8.63	2.64	1,543	11.5	23.8	26.6	25.5	3,770	207,598	9.05
Class V	2,837	2,477	31.6	21.1	16.6	17.8	310	428,062	8.06	2.60	1,356	10.4	21.0	18.5	19.4	3,448	146,715	8.42
Class VI	1,590	1,165	25.5	9.9	4.3	4.9	292	106,275	7.20	2.47	490	8.7	7.6	5.7	5.6	3,676	41,390	8.17
Other farms	6,976	3,806	22.6	32.4	13.2	13.4	328	346,735	8.64	2.63	1,725	7.8	26.7	14.6	15.3	3,437	168,120	12.19
Areas 7 and K	13,826	10,086	39.7	100.0	100.0	100.0	317	3,126,739	8.03	2.53	3,179	7.0	100.0	100.0	100.0	3,790	392,382	5.72
Commercial farms	9,409	8,099	41.8	80.3	94.0	94.8	314	2,939,490	7.96	2.54	2,804	7.2	88.2	94.2	92.2	3,873	366,967	5.80
Class I	109	104	52.5	1.0	4.4	4.4	320	137,569	8.02	2.51	56	8.1	1.8	5.0	3.9	4,938	20,307	7.65
Class II	841	806	48.9	8.0	20.3	22.4	287	663,669	7.60	2.65	387	8.3	12.2	21.0	21.5	3,692	88,775	6.01
Class III	2,122	1,982	45.3	19.7	31.7	32.4	310	993,252	7.87	2.54	936	8.2	29.4	32.0	33.1	3,667	125,175	5.51
Class IV	2,577	2,217	37.8	22.0	21.0	20.8	321	653,695	8.09	2.52	760	6.7	23.9	23.0	20.9	4,171	83,245	5.81
Class V	2,480	2,110	34.2	20.9	13.8	12.4	353	415,225	8.60	2.43	575	5.6	18.1	11.8	11.6	3,847	43,460	5.46
Class VI	1,280	880	24.1	8.7	2.6	2.4	345	76,080	8.06	2.34	90	2.1	2.8	1.4	1.2	4,442	6,005	7.37
Other farms	4,417	1,987	20.8	19.7	6.0	5.2	369	187,249	9.31	2.52	375	5.5	11.8	5.8	7.8	2,807	25,415	4.77
Areas 8e and L	10,224	7,041	33.3	100.0	100.0	100.0	337	1,233,386	8.86	2.63	1,721	6.4	100.0	100.0	100.0	3,353	199,383	7.43
Commercial farms	4,409	3,746	37.0	53.2	80.1	81.0	334	997,766	8.85	2.65	1,206	7.2	70.1	81.9	81.6	3,365	161,318	7.36
Class I	84	73	50.4	1.0	6.8	7.2	319	84,870	8.44	2.65	47	5.4	2.7	4.8	4.0	4,075	10,360	9.68
Class II	206	174	42.7	2.5	12.4	13.2	317	152,671	8.28	2.61	72	6.0	4.2	10.0	9.6	3,476	19,893	7.69
Class III	492	442	41.1	6.3	15.1	15.9	320	183,200	8.29	2.59	251	8.7	14.6	19.8	17.5	3,806	40,215	8.58
Class IV	1,085	965	39.1	13.7	23.5	23.2	342	313,710	9.72	2.84	365	7.3	21.2	23.3	22.6	3,450	43,690	7.20
Class V	1,387	1,197	31.2	17.0	15.8	15.0	356	188,460	9.02	2.53	351	8.6	20.4	17.9	21.3	2,810	35,525	6.21
Class VI	1,155	895	23.4	12.7	6.4	6.5	334	74,855	8.30	2.49	120	4.6	7.0	6.2	6.6	3,112	11,635	6.54
Other farms	5,815	3,295	23.4	46.8	19.9	19.0	353	235,620	8.93	2.53	515	4.4	29.9	18.1	18.4	3,300	38,065	7.72
Area 8b	10,725	7,279	29.5	100.0	100.0	100.0	371	1,174,835	9.82	2.64	2,856	7.2	100.0	100.0	100.0	3,591	281,102	9.62
Commercial farms	5,744	4,933	31.9	67.8	84.8	84.6	373	1,007,003	9.95	2.67	2,240	7.9	78.4	86.3	85.3	3,631	242,967	9.74
Class I	35	25	26.7	0.3	0.9	1.0	348	11,535	9.61	2.76	20	8.7	0.7	1.1	1.3	2,923	4,355	11.17
Class II	198	173	52.7	2.4	12.9	10.6	451	158,488	12.51	2.77	111	10.5	3.9	7.8	8.6	3,249	24,590	9.78
Class III	665	609	35.1	8.4	19.3	19.1	374	233,180	10.21	2.73	368	8.7	12.9	16.5	19.4	3,066	51,942	9.17
Class IV	1,416	1,351	34.3	18.6	24.9	25.6	361	292,410	9.56	2.65	701	8.7	24.5	27.0	26.4	3,679	73,590	9.54
Class V	1,950	1,715	26.8	23.6	19.2	19.8	359	224,005	9.44	2.63	730	7.2	25.6	25.8	22.0	4,212	67,530	10.52
Class VI	1,480	1,060	22.0	14.6	7.7	8.5	338	87,385	8.63	2.55	310	4.8	10.9	8.0	7.6	3,780	20,960	9.40
Other farms	4,981	2,346	20.9	32.2	15.2	15.4	364	167,832	9.09	2.49	616	4.9	21.6	13.7	14.7	3,364	38,135	8.89
Oklahoma, total	119,270	30,049	12.9	100.0	100.0	100.0	128	7,123,289	3.61	2.83	2,038	0.4	100.0	100.0	100.0	2,572	279,687	4.69
Commercial farms	74,009	24,735	13.4	82.3	93.4	95.6	125	6,730,958	3.57	2.86	1,733	0.4	85.0	93.2	92.0	2,606	259,392	4.73
Class I	1,527	696	15.5	2.3	8.4	9.1	119	712,489	3.98	3.35	70	0.7	3.4	12.1	13.7	2,278	27,604	3.38
Class II	8,028	3,468	15.8	11.5	22.9	27.1	108	1,858,687	3.48	3.22	302	0.4	14.8	25.9	22.0	3,037	72,166	5.51
Class III	15,048	5,572	13.0	18.5	24.9	26.2	121	1,770,634	3.42	2.82	411	0.3	20.2	20.3	20.4	2,549	61,479	5.05
Class IV	18,952	6,620	12.6	22.0	20.1	19.4	133	1,348,705	3.53	2.66	395	0.3	19.4	17.8	16.4	2,791	49,742	5.08
Class V	17,964	5,468	11.2	18.2	12.6	10.4	155	765,272	3.73	2.40	369	0.5	18.1	13.1	15.2	2,222	37,611	4.16
Class VI	12,490	2,911	9.3	9.7	4.5	3.4	168	275,171	4.13	2.45	186	0.4	9.1	4.0	4.3	2,381	10,790	4.24
Other farms	45,261	5,314	7.0	17.7	6.6	4.4	190	392,331	4.48	2.36	305	0.4	15.0	6.8	8.0	2,174	20,295	4.26
Area 1	11,050	911	1.7	100.0	100.0	100.0	92	171,205	2.79	3.03	...	...	...	...	...	...	...	...
Commercial farms	9,711	874	1.7	95.9	98.6	98.3	92	168,578	2.79	3.03	...	...	...	...	...	...	...	...
Class I	235	34	2.7	3.7	13.4	13.6	91	31,909	3.83	4.22	...	...	...	...	...	...	...	...
Class II	1,215	160	1.8	17.6	26.9	24.6	101	50,872	3.38	3.35	...	...	...	...	...	...	...	...
Class III	2,601	234	1.6	25.7	28.1	29.7	87	41,740	2.29	2.63	...	...	...	...	...	...	...	...
Class IV	2,952	282	1.8	31.0	22.0	22.7	89	32,927	2.37	2.65	...	...	...	...	...	...	...	...
Class V	2,033	139	1.0	15.3	6.7	6.1	101	9,260	2.47	2.45	...	...	...	...	...	...	...	...
Class VI	675	25	1.5	2.7	1.6	1.7	87	1,870	1.77	2.03	...	...	...	...	...	...	...	...
Other farms	1,339	37	1.0	4.1	1.4	1.7	79	2,627	2.59	3.28	...	...	...	...	...	...	...	...
Area 2	15,584	4,833	18.7	100.0	100.0	100.0	79	1,639,131	2.87	3.65	384	0.4	100.0	100.0	100.0	2,854	75,685	6.28
Commercial farms	13,670	4,705	18.8	97.4	99.0	99.4	78	1,624,221	2.86	3.65	369	0.4	96.1	99.1	98.9	2,861	75,165	6.31
Class I	349	192	27.1	4.0	11.5	11.4	79	205,394	3.15	3.98	11	0.2	2.9	3.9	4.0	2,825	2,525	5.26
Class II	2,659	1,263	23.0	26.1	38.8	41.6	73	662,709	2.79	3.81	151	0.7	39.3	60.8	56.2	3,090	43,095	6.36
Class III	4,107	1,570	17.0	32.5	29.5	29.5	79	469,625	2.79	3.54	117	0.3	30.5	19.8	22.4	2,513	17,285	6.39
Class IV	3,702	1,147	14.1	23.7	14.4	12.9	88	218,039	2.96	3.36	60	0.2	15.6	7.4	9.0	2,370	7,240	6.70
Class V	2,044	471	11.3	9.7	4.4	3.6	95	63,205	3.07	3.22	30	0.5	7.8	7.1	7.3	2,784	5,020	5.70
Class VI	809	62	5.0	1.3	0.4	0.4	85	5,249	2.46	2.88	...	...	...	...	...	...	...	...
Other farms	1,914	128	8.2	2.6	1.0	0.6	128	14,910	4.19	3.28	15	0.3	3.9	0.9	1.1	2,296	520	3.85

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer									Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Oklahoma—Continued																		
Area 3 and A	12,083	3,538	24.1	100.0	100.0	100.0	160	1,128,981	4.31	2.69	445	1.4	100.0	100.0	100.0	2,890	69,710	4.59
Commercial farms	6,191	2,885	25.9	81.5	94.8	94.6	161	1,075,195	4.34	2.70	395	1.5	88.8	92.2	92.8	2,873	64,360	4.56
Class I	175	97	23.9	2.7	10.5	9.3	180	125,437	5.15	2.85	23	4.2	5.2	15.5	28.4	1,574	9,750	2.26
Class II	539	353	30.6	10.0	24.7	21.7	182	299,333	5.26	2.89	72	1.4	16.2	23.6	17.5	3,896	14,398	5.42
Class III	950	616	30.2	17.4	22.9	26.4	139	269,405	3.90	2.80	70	0.9	15.7	17.7	13.1	3,385	14,701	7.36
Class IV	1,557	881	27.2	24.9	21.6	23.6	147	231,304	3.75	2.55	122	1.3	27.4	19.9	19.7	2,929	14,037	4.70
Class V	1,696	673	19.7	19.0	12.7	11.3	180	125,546	4.24	2.36	83	1.3	18.7	13.7	13.1	3,023	10,134	5.11
Class VI	1,274	265	9.7	7.5	2.4	2.4	163	24,170	3.88	2.38	25	0.2	5.6	2.0	1.1	5,375	1,340	8.38
Other farms	5,892	653	10.8	18.5	5.2	5.4	154	53,786	3.82	2.48	50	0.8	11.2	7.8	7.2	3,114	5,350	4.89
Area 4	18,416	4,192	9.1	100.0	100.0	100.0	106	911,099	3.07	2.90	27	(Z)	100.0	100.0	100.0	1,525	5,547	4.23
Commercial farms	15,757	4,036	9.3	96.3	98.4	99.1	105	898,414	3.06	2.91	17	(Z)	63.0	88.0	84.7	1,584	5,097	4.59
Class I	399	163	9.5	3.9	10.0	8.9	119	114,310	4.31	3.63	2	0.2	7.4	41.4	32.4	1,948	2,082	4.90
Class II	2,134	721	9.9	17.2	24.9	28.1	94	247,960	2.97	3.17	5	(Z)	18.5	25.0	9.5	4,000	1,000	8.00
Class III	3,995	1,172	10.0	28.0	30.7	31.8	102	263,402	2.79	2.74	5	(Z)	18.5	1.5	4.6	500	115	1.92
Class IV	4,694	1,145	8.9	27.3	21.2	20.9	107	182,230	2.94	2.74	...	...	...	...	...	...	...	...
Class V	3,277	634	6.8	15.1	8.9	7.5	125	69,197	3.12	2.49	5	0.2	18.5	20.0	38.2	800	1,900	3.80
Class VI	1,258	201	6.7	4.8	2.7	1.9	152	21,315	3.81	2.50	...	...	...	...	...	...	...	...
Other farms	2,659	156	2.9	3.7	1.6	0.9	196	12,685	4.90	2.50	10	0.2	37.0	12.0	15.3	1,200	450	2.25
Areas 5 and B	16,170	4,533	21.9	100.0	100.0	100.0	141	981,951	3.67	2.60	301	0.5	100.0	100.0	100.0	2,313	27,707	4.50
Commercial farms	8,794	3,691	24.2	81.4	92.3	94.0	139	911,036	3.62	2.61	251	0.5	83.4	88.7	89.8	2,286	24,402	4.42
Class I	106	57	29.1	1.3	3.3	3.4	135	37,358	4.08	3.03	3	1.7	1.0	8.8	8.5	2,381	1,893	3.61
Class II	652	444	35.4	9.8	22.8	26.0	124	261,810	3.77	3.04	17	0.4	5.6	7.0	14.2	1,131	2,345	2.68
Class III	1,294	795	26.0	17.5	25.9	24.5	149	236,381	3.60	2.41	71	0.6	23.6	24.0	25.8	2,157	8,326	5.26
Class IV	2,112	1,088	24.7	24.0	22.3	23.4	135	218,554	3.50	2.59	74	0.5	24.6	24.6	19.9	2,864	6,353	5.20
Class V	2,831	971	17.0	21.4	14.7	14.0	148	125,878	3.35	2.26	61	0.5	20.3	18.4	16.9	2,513	4,130	3.97
Class VI	1,799	336	8.2	7.4	3.3	2.7	173	31,055	4.32	2.49	25	0.3	8.3	6.0	4.5	3,091	1,355	4.93
Other farms	7,376	842	8.9	18.6	7.7	6.0	182	70,915	4.44	2.45	50	0.3	16.6	11.3	10.2	2,556	3,305	5.25
Area 6	8,417	2,091	14.8	100.0	100.0	100.0	174	395,068	4.36	2.51	121	0.6	100.0	100.0	100.0	3,001	16,420	4.62
Commercial farms	3,620	1,629	17.8	77.9	87.2	90.0	168	344,469	4.22	2.51	96	0.7	79.3	93.5	87.3	3,214	14,825	4.78
Class I	47	25	31.3	1.2	6.4	11.0	100	22,575	2.26	2.25	2	0.2	1.7	1.5	1.4	3,200	196	3.92
Class II	119	89	29.0	4.3	13.7	11.8	202	50,294	4.72	2.34	11	0.5	9.1	3.9	4.9	2,391	746	4.29
Class III	366	190	18.6	9.1	15.0	15.2	172	70,605	5.13	2.98	18	0.5	14.9	6.6	9.4	2,108	1,163	3.48
Class IV	657	387	19.0	18.5	23.7	24.0	171	93,103	4.27	2.49	23	1.4	19.0	64.8	46.4	4,188	9,136	5.54
Class V	1,126	481	13.0	23.0	17.7	16.9	182	64,245	4.19	2.30	22	0.5	18.2	7.6	15.6	1,463	1,829	3.30
Class VI	1,305	457	12.2	21.9	10.7	11.1	167	43,647	4.35	2.60	20	0.4	16.5	9.1	9.6	2,853	1,755	5.16
Other farms	4,797	462	5.8	22.1	12.8	10.0	223	50,599	5.57	2.50	25	0.3	20.7	6.5	12.7	1,533	1,595	3.54
Area 7a	6,544	1,170	9.8	100.0	100.0	100.0	172	238,018	4.47	2.61	95	0.3	100.0	100.0	100.0	2,089	5,275	3.49
Commercial farms	3,605	969	10.7	82.8	92.3	93.0	170	220,358	4.46	2.61	80	0.3	84.2	85.7	88.4	2,025	4,640	3.47
Class I	67	31	13.0	2.6	12.0	12.1	170	29,415	4.56	2.69	3	0.3	3.2	18.4	11.3	3,392	670	3.92
Class II	164	77	13.5	6.6	13.6	15.0	157	40,159	5.05	3.22	2	0.1	2.1	8.1	5.3	3,200	485	6.06
Class III	485	181	14.6	15.5	26.2	23.0	195	61,829	5.06	2.59	5	0.2	5.3	0.6	0.9	133	20	0.13
Class IV	895	234	8.4	20.0	17.2	18.0	164	39,596	4.15	2.53	20	0.2	21.1	25.3	16.5	3,200	1,545	6.18
Class V	1,136	251	8.1	21.5	16.2	16.1	172	32,944	3.84	2.23	20	0.3	21.1	16.2	21.8	1,545	1,065	3.23
Class VI	858	195	9.9	16.7	7.1	8.8	139	16,415	3.50	2.52	30	0.7	31.6	17.1	23.5	1,521	855	2.41
Other farms	2,939	201	4.5	17.2	7.7	7.0	188	17,660	4.73	2.52	15	0.2	15.8	14.3	11.6	2,571	635	3.63
Area 7b	4,320	1,479	21.4	100.0	100.0	100.0	164	249,701	3.51	2.13	59	0.5	100.0	100.0	100.0	1,624	9,613	6.12
Commercial farms	2,411	1,138	23.6	76.9	93.5	94.6	162	232,325	3.45	2.12	39	0.4	66.1	85.1	80.3	1,722	8,513	6.76
Class I	24	13	32.6	0.9	4.6	8.7	87	14,299	2.31	2.67	1	0.4	1.7	11.8	4.8	4,000	1,500	20.00
Class II	88	45	26.4	3.0	11.1	13.4	137	21,601	2.27	1.66	2	0.1	3.4	2.4	1.9	2,000	150	5.00
Class III	275	155	27.0	10.5	23.5	20.5	188	56,897	3.89	2.07	10	0.8	16.9	19.6	27.1	1,176	550	1.29
Class IV	588	351	23.4	23.7	28.0	26.8	172	70,622	3.70	2.16	16	0.6	27.1	38.8	30.6	2,062	5,273	10.99
Class V	718	309	20.5	20.9	14.8	17.2	141	39,621	3.23	2.29	5	0.3	8.5	0.8	9.6	133	40	0.27
Class VI	718	265	16.3	17.9	11.6	8.0	238	29,285	5.11	2.15	5	0.3	8.5	11.8	6.4	3,000	1,000	10.00
Other farms	1,909	341	8.1	23.1	6.5	5.4	199	17,376	4.55	2.29	20	0.7	33.9	14.9	19.7	1,226	1,100	3.55
Area 8a	10,218	3,073	22.2	100.0	100.0	100.0	167	750,396	4.56	2.73	256	1.1	100.0	100.0	100.0	2,878	35,345	4.36
Commercial farms	4,511	2,267	25.1	73.8	91.1	91.2	167	694,791	4.62	2.77	231	1.3	90.2	95.2	94.8	2,890	32,960	4.29
Class I	55	46	29.2	1.5	10.4	10.4	167	97,919	5.72	3.42	10	2.7	3.9	24.9	19.6	3,658	5,460	3.43
Class II	211	178	31.6	5.8	16.6	16.0	173	137,338	5.21	3.01	36	2.4	14.1	24.4	24.6	2,854	8,932	4.49
Class III	484	347	34.0	11.3	23.0	21.6	178	173,901	4.88	2.74	57	1.8	22.3	22.8	22.8	2,876	8,690	4.70
Class IV	940	590	25.6	19.2	19.1	20.1	158	134,617	4.06	2.56	38	0.6	14.8	7.1	9.9	2,062	3,198	3.97
Class V	1,360	669	19.0	21.8	15.4	16.4	158	104,601	3.88	2.46	40	0.5	15.6	9.3	9.3	2,880	3,835	5.11
Class VI	1,461	437	13.6	14.2	6.6	6.7	164	46,415	4.21	2.57	50	0.9	19.5	6.7	8.6	2,243	2,845	4.06
Other farms	5,707	806	10.1	26.2	8.9	8.8	169	55,605	3.85	2.27	25	0.3	9.8	4.8	5.2	2,667	2,385	5.68
Area 8b	5,367	1,447	17.3	100.0	100.0	100.0	195	255,079	4.99	2.55	99	1.0	100.0	100.0	100.0	1,774	8,593	2.98
Commercial farms	2,060	937	22.7	64.8	86.9	87.8	193	223,129	4.97	2.57	94	1.4	94.9	98.8	94.8	1,849	8,533	3.12
Class I	15	8	14.8	0.6	1.3	1.0	256	3,319	6.43	2.51	7	3.5	7.1	8.4	4.2	3,583	708	5.90
Class II	106	59	41.0	4.1	12.0	13.7	172	37,330	5.34	3.11	1	0.1	1.0	1.0	0.3	5,200	65	6.50
Class III	166	103	34.2	7.1	21.6	20.4	207	52,496	5.03	2.43	10	0.6	10.1	14.1	6.2	4,000	1,005	5.58
Class IV	373	262	29.1	18.1	24.6	25.3	190	66,450	5.15	2.71	16	1.0	16.2	17.9	14.7	2,155	1,140	2.68
Class V	615	333	19.5	23.0	21.5	22.0	191	51,580	4.58	2.40	50	2.9	50.5	50.6	57.4	1,565	5,115	3.09
Class VI	785	172	6.3	11.9	5.8	5.4	210	11,954	4.32	2.06	10	0.8	10.1	6.8	12.0	1,014	500	1.45
Other farms	3,307	510	6.4	35.2	13.1	12.2	210	31,950	5.12	2.44	5	0.2	5.1	1.2	5.2	400	60	0.40
Area 9	11,101	2,782	14.5	100.0	100.0	100.0	198	402,660	4.89	2.47	251	1.3	100.0	100.0	100.0	1,912	25,792	3.56
Commercial farms	3,679	1,604	18.1	57.7	79.8	84.2	187	338,442	4.88	2.61	161	1.6	64.1	84.9	83.4	1,946	20,897	3.46
Class I	55	30	16.3	1.1	5.9	6.4	183	30,554	5.81	3.18	8	1.3	3.2	7.7	5.6	2,629	2,820	6.93
Class II	141	79	24.0	2.8	9.4	12.6	148	49,281	4.76	3.22	5	0.9	2.0	3.6	5.2	1,351	950	2.55
Class III	325	209	24.1	7.5	17.4	18.1	190	74,353	5.00	2.63	48	4.7	19.1	41.8	40.0	1,995	9,624	3.32
Class IV	482	253	16.8	9.1	15.4	14.0	218	61,263	5.33	2.45	26	1.3	10.4	8.9	12.3	1,385	1,820	2.05
Class V	1,128	537	17.3	19.3	21.0	20.8	199	79,195	4.62	2.32	53	1.2	21.1	18.3	16.6	2,115	4,543	3.79
Class VI	1,548	496	13.0	17.8	10.8	12.4	171	43,796	4.29	2.50	21	0.3	8.4	4.5	3.7	2,296	1,140	4.22
Other farms	7,422	1,178	7.0	42.3	20.2	15.8	253	64,218	4.93	1.95	90	0.6	35.9	15.1	16.6	1,742	4,895	4.08

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Oregon, total	54,442	21,712	23.1	100.0	100.0	100.0	226	11,674,079	8.89	3.93	1,737	0.4	100.0	100.0	100.0	2,900	357,254	14.89
Commercial farms	32,124	17,483	23.8	80.5	97.2	97.2	226	11,375,165	8.91	3.94	1,369	0.4	78.8	90.6	87.6	3,000	321,946	15.31
Class I	3,130	2,279	24.2	10.5	45.2	44.0	232	5,476,525	9.47	4.08	155	0.3	8.9	20.9	25.7	2,351	79,856	12.92
Class II	6,478	4,513	26.4	20.8	28.3	28.2	227	3,338,889	9.02	3.98	349	0.4	20.1	34.3	24.0	4,157	126,031	21.91
Class III	6,853	4,228	25.4	19.5	13.1	14.3	207	1,479,067	7.86	3.79	396	0.5	22.8	20.8	16.5	3,652	63,266	16.00
Class IV	6,945	3,158	17.1	14.5	6.5	6.4	230	666,965	7.99	3.48	237	0.6	13.6	6.3	11.7	1,557	24,313	8.62
Class V	6,444	2,734	17.7	12.6	3.6	3.8	211	354,018	7.04	3.35	172	0.7	9.9	6.9	7.7	2,618	23,705	12.84
Class VI	2,274	571	10.0	2.6	0.5	0.5	249	59,701	9.15	3.67	60	0.7	3.5	1.4	2.0	2,063	4,775	10.05
Other farms	22,318	4,229	11.1	19.5	2.8	2.8	231	298,914	8.20	3.56	368	0.9	21.2	9.4	12.4	2,194	35,308	11.87
Area 1a	5,805	1,378	10.9	100.0	100.0	100.0	296	238,796	10.51	3.55	211	0.9	100.0	100.0	100.0	4,588	42,841	21.95
Commercial farms	2,926	1,053	12.2	76.4	91.4	91.6	296	218,226	10.48	3.55	151	0.8	71.6	79.5	65.7	5,551	33,386	26.04
Class I	87	21	7.9	1.5	10.0	6.3	470	22,070	15.35	3.26	1	0.1	0.5	0.7	0.5	6,000	240	24.00
Class II	531	301	18.0	21.8	38.2	39.4	288	92,426	10.33	3.59	62	1.4	29.4	53.1	36.2	6,721	20,750	29.35
Class III	772	310	14.9	22.5	23.3	24.8	278	56,666	10.06	3.62	42	0.7	19.9	15.5	14.1	5,043	6,608	23.94
Class IV	710	203	6.5	14.7	11.5	10.0	342	28,019	12.33	3.61	26	0.5	12.3	4.3	8.4	2,329	2,003	12.21
Class V	590	158	8.1	11.5	6.8	9.2	220	15,555	7.45	3.38	15	0.3	7.1	4.6	3.8	5,467	3,305	44.07
Class VI	236	60	11.0	4.4	1.5	1.9	232	3,490	7.93	3.42	5	1.3	2.4	1.3	2.6	2,400	480	9.60
Other farms	2,879	325	5.1	23.6	8.6	8.4	302	20,570	10.77	3.57	60	1.8	28.4	20.5	34.3	2,746	9,455	14.11
Area 1b	6,261	1,910	23.7	100.0	100.0	100.0	241	444,434	7.37	3.06	165	0.7	100.0	100.0	100.0	2,549	20,501	11.03
Commercial farms	2,567	1,148	28.4	60.1	89.2	88.7	242	397,834	7.44	3.07	105	0.8	63.6	85.6	79.3	2,753	16,616	11.27
Class I	135	99	49.7	5.2	31.8	22.6	338	152,322	11.18	3.30	1	0.1	0.6	3.8	1.6	6,000	900	30.00
Class II	372	251	33.5	13.1	19.6	19.6	241	91,395	7.74	3.21	18	0.9	10.9	19.3	17.1	2,890	3,576	11.28
Class III	496	259	32.8	13.6	19.2	23.4	197	77,228	5.48	2.78	34	1.3	20.6	36.6	30.5	3,058	5,770	10.18
Class IV	581	200	11.8	10.5	7.0	7.6	222	29,498	6.47	2.91	16	0.5	9.7	12.0	10.5	2,913	2,765	14.18
Class V	734	298	24.3	15.6	10.9	14.5	182	44,111	5.06	2.78	21	0.7	12.7	13.3	12.6	2,681	3,310	14.09
Class VI	249	41	8.9	2.1	0.7	1.2	155	3,280	4.72	3.04	15	1.7	9.1	0.6	7.0	231	295	2.27
Other farms	3,694	762	10.3	39.9	10.8	11.3	230	46,600	6.86	2.98	60	0.6	36.4	14.4	20.7	1,766	3,885	10.09
Areas 2a and A	18,962	8,852	39.1	100.0	100.0	100.0	285	3,309,776	11.31	3.97	903	1.2	100.0	100.0	100.0	3,108	134,351	15.32
Commercial farms	10,937	7,019	42.4	79.3	96.2	96.1	285	3,193,132	11.36	3.99	742	1.2	82.2	91.6	90.2	3,157	122,191	15.45
Class I	788	640	58.0	7.2	31.1	23.6	376	1,033,396	14.99	3.99	64	1.0	7.1	13.3	13.7	3,009	19,628	16.29
Class II	1,927	1,564	48.8	17.7	32.9	33.5	280	1,106,980	11.31	4.04	192	1.2	21.3	29.2	28.0	3,248	38,455	15.68
Class III	2,319	1,794	41.1	20.3	17.9	22.6	225	600,931	9.08	4.04	246	1.3	27.2	29.0	24.6	3,663	37,928	17.60
Class IV	2,482	1,395	27.8	15.8	8.5	9.5	255	271,440	9.80	3.84	120	0.9	13.3	7.0	9.9	2,184	9,890	11.37
Class V	2,526	1,301	26.4	14.7	4.8	5.9	231	146,825	8.49	3.67	90	1.5	10.0	10.3	11.1	2,882	12,700	13.03
Class VI	895	325	17.9	3.7	1.1	1.0	285	33,560	10.93	3.83	30	1.5	3.3	2.8	2.9	3,080	3,590	14.36
Other farms	8,025	1,833	13.4	20.7	3.8	3.9	277	116,644	10.11	3.65	161	1.0	17.8	8.4	9.8	2,651	12,160	14.14
Area 2b	10,003	4,083	46.7	100.0	100.0	100.0	234	2,881,663	8.92	3.81	386	1.4	100.0	100.0	100.0	2,707	150,394	15.02
Commercial farms	5,452	3,341	50.0	81.8	97.9	97.3	236	2,821,179	8.98	3.81	319	1.4	82.6	93.9	90.3	2,815	141,231	15.62
Class I	481	441	74.4	10.8	48.6	38.1	299	1,375,508	11.16	3.73	75	2.7	19.4	36.0	44.9	2,171	55,087	12.26
Class II	1,163	905	54.3	22.2	30.0	33.3	211	905,945	8.42	3.98	75	1.3	19.4	37.8	22.4	4,574	63,104	28.13
Class III	1,088	698	37.5	17.1	10.2	14.3	167	290,044	6.26	3.74	58	0.7	15.0	12.3	9.1	3,665	12,620	13.91
Class IV	1,170	630	30.7	15.4	5.6	7.1	185	153,177	6.69	3.61	60	1.3	15.5	4.3	9.6	1,212	6,420	6.65
Class V	1,173	572	23.0	14.0	2.9	3.8	177	82,740	6.69	3.77	41	0.7	10.6	3.3	3.9	2,285	3,590	9.30
Class VI	377	95	13.9	2.3	0.5	0.6	205	13,765	7.50	3.66	10	0.3	2.6	0.2	0.4	1,333	410	9.11
Other farms	4,551	742	13.9	18.2	2.1	2.7	181	60,484	6.85	3.79	67	1.5	17.4	6.1	9.7	1,701	9,163	9.40
Area 3	3,631	1,614	17.9	100.0	100.0	100.0	81	1,659,283	5.07	6.22	11	(Z)	100.0	100.0	100.0	960	136	5.44
Commercial farms	2,669	1,392	17.9	86.2	97.9	99.1	81	1,635,120	5.04	6.26	11	(Z)	100.0	100.0	100.0	960	136	5.44
Class I	770	487	19.0	30.2	62.0	75.6	67	1,210,595	4.89	7.32	1	(Z)	9.1	16.7	60.0	267	36	2.40
Class II	737	418	15.1	25.9	23.5	17.8	108	303,662	5.22	4.84	...	...	...	...	...	...	...	...
Class III	381	222	17.9	13.8	6.8	3.3	165	69,553	6.35	3.85	10	(Z)	90.9	83.3	40.0	2,000	100	10.00
Class IV	326	136	17.5	8.4	2.8	1.6	139	31,434	5.92	4.25	...	...	...	...	...	...	...	...
Class V	302	108	10.3	6.7	2.7	0.7	323	18,750	8.31	2.57	...	...	...	...	...	...	...	...
Class VI	153	21	2.1	1.3	0.1	(Z)	186	1,126	8.04	4.33	...	...	...	...	...	...	...	...
Other farms	962	222	16.0	13.8	2.1	0.9	189	24,163	8.26	4.36	...	...	...	...	...	...	...	...
Area 4	9,780	3,875	14.6	100.0	100.0	100.0	313	3,140,127	10.93	3.49	61	0.1	100.0	100.0	100.0	1,111	9,031	6.53
Commercial farms	7,573	3,530	14.8	91.1	99.0	98.5	315	3,109,674	10.99	3.49	41	0.1	67.2	95.4	93.8	1,130	8,386	6.47
Class I	869	591	16.3	15.3	55.1	42.9	401	1,682,634	13.64	3.40	13	0.1	21.3	58.6	30.8	2,118	3,965	9.33
Class II	1,748	1,074	16.2	27.7	24.7	29.9	258	838,481	9.76	3.78	2	(Z)	3.3	1.0	2.3	500	146	4.56
Class III	1,797	945	14.4	24.4	11.4	15.7	227	384,645	8.54	3.77	6	(Z)	9.8	5.2	2.9	2,000	240	6.00
Class IV	1,676	594	9.8	15.3	5.9	7.2	257	153,397	7.39	2.87	15	0.3	24.6	24.1	45.2	592	3,235	5.18
Class V	1,119	297	9.4	7.7	1.8	2.6	214	46,037	6.12	2.86	5	0.2	8.2	6.5	12.7	571	800	4.57
Class VI	364	29	2.2	0.7	0.2	0.1	399	4,480	12.95	3.25	...	(Z)	...	...	...	...	...	...
Other farms	2,207	345	7.9	8.9	1.0	1.5	205	30,453	6.85	3.34	20	0.2	32.8	4.6	6.2	824	645	7.59
Pennsylvania, total	128,833	93,520	42.3	100.0	100.0	100.0	381	31,200,926	9.76	2.56	41,783	8.6	100.0	100.0	100.0	2,705	5,021,749	7.74
Commercial farms	82,353	70,395	46.0	75.3	92.4	92.2	381	28,970,202	9.83	2.58	33,611	9.0	80.4	89.6	89.3	2,714	4,496,230	7.76
Class I	2,763	2,455	67.1	2.6	14.8	9.8	574	4,896,822	15.62	2.72	1,242	11.0	3.0	7.2	7.9	2,470	373,141	7.29
Class II	13,440	12,609	54.2	13.5	28.4	26.9	401	8,774,927	10.20	2.54	6,826	9.9	16.3	24.5	24.3	2,720	1,275,655	8.09
Class III	21,387	19,680	47.1	21.0	25.4	27.9	345	7,977,182	8.93	2.58	10,246	9.6	24.5	28.4	28.2	2,720	1,420,680	7.76
Class IV	20,461	17,767	39.7	19.0	14.3	16.7	327	4,392,929	8.24	2.52	8,338	8.1	20.0	17.7	16.8	2,842	865,267	7.93
Class V	16,421	12,823	33.8	13.7	7.6	8.6	337	2,352,527	8.54	2.53	5,139	7.2	12.3	9.3	9.1	2,772	439,722	7.48
Class VI	7,881	5,061	24.6	5.4	1.9	2.3	322	575,815	7.94	2.46	1,820	6.6	4.4	2.6	3.0	2,374	121,765	6.28
Other farms	46,480	23,125	21.8	24.7	7.6	7.8	371	2,230,724	8.93	2.41	8,172	6.0	19.6	10.4	10.7	2,621	525,519	7.58
Areas 1a, A, and B	11,805	9,363	39.5	100.0	100.0	100.0	369	2,424,867	9.81	2.66	4,829	9.5	100.0	100.0	100.0	3,237	514,648	8.67
Commercial farms	7,419	6,692	44.0	71.5	89.1	89.0	369	2,178,697	9.90	2.68	3,764	10.3	77.9	87.2	86.8	3,249	447,858	8.69
Class I	121	116	67.1	1.2	12.0	6.5	682	317,367	19.76	2.90	73	9.3	1.5	3.5	3.8	3,017	15,972	7.15
Class II	727	681	52.8	7.3	19.3	18.6	384	502,540	10.95	2.85	471	12.4	9.8	17.1	18.2	3,045	89,526	8.30
Class III	1,825	1,700	46.1	18.2	25.7	27.3	348	604,405	8.97	2.58	1,100	11.3	22.8	28.4	27.8	3,305	145,280	8.81
Class IV	2,276	2,160	40.9	23.1	20.0	22.7	324	480,600	8.55	2.64	1,215	9.8	25.2	24.1	22.6	3,457	128,110	9.55
Class V	1,660	1,430	34.2	15.3	9.4	10.8	320	216,195	8.07	2.52	685	8.7	14.2	11.2	11.4	3,163	57,080	8.40
Class VI	810	605	27.7	6.5	2.6	3.1	307	57,590	7.51	2.45	220	6.6	4.6	2.9	3.1	3,041	11,890	6.55
Other farms	4,386	2,671	21.7	28.5	10.9	11.0	367	246,170	9.08	2.47	1,065	6.2	22.1	12.8	13.2	3,154	66,790	8.55

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Pennsylvania—Continued																		
Area 1b	8,527	6,014	33.0	100.0	100.0	100.0	330	1,237,514	8.54	2.59	3,406	10.0	100.0	100.0	100.0	3,001	367,313	8.34
Commercial farms	4,495	3,867	37.0	64.3	84.0	84.2	329	1,039,040	8.51	2.59	2,449	11.2	71.9	84.7	84.1	3,023	312,272	8.44
Class I	41	26	42.6	0.4	1.5	1.9	259	19,448	6.95	2.69	20	9.0	0.6	1.4	1.3	3,064	5,834	9.89
Class II	452	421	46.9	7.0	21.6	18.5	385	282,185	10.52	2.73	341	15.4	10.0	20.0	20.0	3,007	82,205	9.34
Class III	923	873	41.4	14.5	23.9	24.5	322	297,716	8.39	2.60	625	13.6	18.3	28.0	26.5	3,167	98,620	8.45
Class IV	1,287	1,171	34.9	19.5	20.1	22.0	302	242,446	7.62	2.52	698	8.5	20.5	18.1	17.6	3,094	63,583	8.22
Class V	1,102	931	31.0	15.5	13.0	13.2	327	155,845	8.17	2.50	510	10.0	15.0	12.2	13.9	2,619	46,605	7.60
Class VI	690	445	22.0	7.4	3.8	4.2	297	41,400	6.84	2.30	255	7.6	7.5	5.0	4.7	3,200	15,425	7.43
Other farms	4,032	2,147	20.9	35.7	16.0	15.8	335	198,474	8.70	2.60	957	6.4	28.1	15.3	15.9	2,881	55,041	7.85
Area 2	11,498	7,325	22.4	100.0	100.0	100.0	365	1,635,488	9.31	2.55	5,166	10.7	100.0	100.0	100.0	2,723	803,169	9.59
Commercial farms	8,851	6,539	23.9	89.3	96.0	95.8	365	1,567,173	9.31	2.55	4,634	11.2	89.7	94.6	93.7	2,749	760,533	9.69
Class I	98	72	34.0	1.0	6.5	3.8	623	117,456	17.58	2.82	65	14.9	1.3	3.8	3.5	2,950	30,028	10.23
Class II	1,198	1,073	29.6	14.6	29.6	27.9	387	486,027	9.91	2.56	951	14.6	18.4	29.8	28.8	2,816	253,271	10.48
Class III	2,903	2,458	25.3	33.6	34.7	37.1	342	565,635	8.68	2.54	1,846	12.3	35.7	37.2	37.7	2,691	294,270	9.32
Class IV	2,887	2,106	19.7	28.8	18.8	20.7	333	298,245	8.21	2.47	1,272	8.3	24.6	18.0	18.2	2,690	140,779	9.24
Class V	1,280	690	16.0	9.4	5.5	5.4	371	86,450	9.08	2.44	400	6.5	7.7	4.9	4.6	2,908	35,150	9.12
Class VI	485	140	9.2	1.9	0.8	0.9	314	13,360	8.20	2.61	100	4.3	1.9	0.9	0.9	2,614	7,035	9.20
Other farms	2,647	786	9.2	10.7	4.0	4.2	354	68,315	9.35	2.64	532	6.6	10.3	5.4	6.3	2,333	42,636	8.11
Area 3	3,897	2,891	42.0	100.0	100.0	100.0	359	914,748	9.58	2.67	1,342	9.1	100.0	100.0	100.0	2,436	125,984	6.08
Commercial farms	2,400	2,069	47.3	71.6	92.0	91.6	360	844,823	9.65	2.68	1,031	9.4	76.8	86.7	84.2	2,511	106,942	6.13
Class I	35	30	70.0	1.0	6.5	5.1	456	62,275	12.74	2.79	25	12.3	1.9	6.6	4.1	3,860	5,990	6.97
Class II	192	181	55.1	6.3	19.6	15.8	446	181,722	12.04	2.70	116	12.2	8.6	16.6	16.1	2,504	22,432	6.71
Class III	630	610	54.3	21.1	35.5	35.7	357	331,310	9.70	2.72	365	9.7	27.2	30.4	29.5	2,505	38,195	6.24
Class IV	677	592	42.5	20.5	17.5	20.5	307	155,555	7.96	2.60	305	8.0	22.7	21.4	17.7	2,947	27,220	7.41
Class V	586	446	34.1	15.4	9.8	11.2	314	87,911	8.23	2.62	165	5.3	12.3	8.8	8.1	2,647	10,095	6.04
Class VI	280	210	30.2	7.3	3.0	3.3	324	26,050	8.23	2.54	55	17.0	4.1	3.0	8.6	860	3,010	1.69
Other farms	1,497	822	18.8	28.4	8.0	8.4	343	69,925	8.75	2.55	311	7.7	23.2	13.3	15.8	2,039	19,042	5.80
Area 4a	7,852	5,607	33.6	100.0	100.0	100.0	309	1,201,586	8.09	2.62	3,206	10.6	100.0	100.0	100.0	2,637	339,355	7.23
Commercial farms	4,047	3,557	38.2	63.4	84.3	84.5	308	1,022,001	8.14	2.64	2,221	12.1	69.3	85.7	84.5	2,677	289,620	7.30
Class I	22	22	72.0	0.4	3.6	2.5	438	52,016	13.88	3.17	15	30.1	0.5	1.5	3.3	1,150	4,515	2.88
Class II	240	220	42.9	3.9	14.0	12.4	349	173,030	9.40	2.69	187	14.9	5.8	14.0	13.6	2,707	51,098	7.99
Class III	822	787	46.1	14.0	26.3	26.5	307	316,945	8.06	2.62	557	12.5	17.4	25.9	22.7	3,011	85,597	8.05
Class IV	1,092	1,052	37.4	18.8	21.4	22.2	298	255,860	7.76	2.60	612	10.5	19.1	21.2	19.7	2,831	72,915	7.88
Class V	966	796	32.1	14.2	11.9	13.6	270	139,190	6.87	2.54	490	10.4	15.3	13.6	14.0	2,564	44,525	6.79
Class VI	905	680	24.6	12.1	7.1	7.3	300	84,960	7.86	2.62	360	11.9	11.2	9.7	11.2	2,290	30,970	5.90
Other farms	3,805	2,050	20.4	36.6	15.7	15.5	312	179,585	7.80	2.50	985	6.5	30.7	14.3	15.5	2,419	49,735	6.82
Area D	10,491	6,216	23.9	100.0	100.0	100.0	331	1,103,715	8.40	2.54	3,731	9.0	100.0	100.0	100.0	2,797	406,367	8.17
Commercial farms	5,227	4,002	26.4	64.4	83.2	85.2	323	932,610	8.33	2.58	2,613	9.6	70.0	85.0	81.7	2,910	342,330	8.43
Class I	88	68	36.0	1.1	3.9	3.3	391	43,355	9.94	2.54	40	9.8	1.1	2.6	2.4	3,063	10,935	9.23
Class II	492	447	36.6	7.2	19.7	18.8	346	230,191	9.31	2.69	342	12.5	9.2	17.6	16.9	2,921	74,460	8.86
Class III	1,225	1,070	28.3	17.2	26.1	27.7	311	291,080	8.00	2.57	820	11.7	22.0	31.3	30.2	2,895	130,035	8.66
Class IV	1,462	1,182	24.6	19.0	19.6	21.5	302	217,574	7.71	2.55	741	7.7	19.9	18.8	17.8	2,946	67,095	7.56
Class V	1,265	880	20.2	14.2	11.2	11.0	339	120,685	8.38	2.47	495	8.0	13.3	12.3	11.5	2,983	50,710	8.83
Class VI	695	355	13.1	5.7	2.6	2.9	300	29,725	7.67	2.55	175	4.8	4.7	2.4	2.8	2,340	9,095	6.45
Other farms	5,264	2,214	15.4	35.6	16.8	14.8	376	171,105	8.78	2.34	1,118	7.2	30.0	15.0	18.3	2,293	64,037	7.03
Areas 4b and E	9,045	5,308	30.0	100.0	100.0	100.0	366	1,352,867	9.33	2.55	2,623	8.8	100.0	100.0	100.0	2,770	322,840	7.56
Commercial farms	4,378	3,501	35.5	66.0	89.2	89.1	367	1,215,095	9.41	2.56	1,867	10.1	71.2	83.8	85.8	2,707	275,070	7.51
Class I	56	46	50.6	0.9	6.9	4.2	606	100,805	16.66	2.75	31	12.7	1.2	3.1	3.5	2,409	12,690	8.38
Class II	450	404	46.3	7.6	24.1	22.3	396	334,135	10.33	2.61	270	11.0	10.3	17.8	18.1	2,732	61,350	7.96
Class III	892	852	43.8	16.1	27.9	28.2	362	380,995	9.31	2.57	505	13.4	19.3	28.0	29.4	2,641	93,100	7.42
Class IV	1,038	883	33.0	16.6	16.0	18.2	322	212,870	8.09	2.51	466	10.1	17.8	17.6	18.9	2,583	59,320	7.36
Class V	1,246	895	24.4	16.9	10.9	12.5	318	142,615	7.85	2.47	415	6.5	15.8	13.6	11.4	3,299	37,020	7.61
Class VI	696	421	15.6	7.9	3.5	3.7	343	43,675	8.17	2.38	180	5.6	6.9	3.7	4.5	2,304	11,590	6.07
Other farms	4,667	1,807	13.2	34.0	10.8	10.9	361	137,772	8.69	2.41	756	5.0	28.8	16.2	14.2	3,149	47,770	7.88
Areas 5 and F	14,096	10,399	45.3	100.0	100.0	100.0	298	3,128,094	7.47	2.51	3,411	6.4	100.0	100.0	100.0	2,947	486,416	8.24
Commercial farms	9,014	7,932	49.2	76.3	91.3	91.8	297	2,875,002	7.48	2.52	2,915	6.9	85.5	91.4	91.2	2,955	442,730	8.23
Class I	146	141	63.1	1.4	4.7	3.7	378	145,222	9.37	2.48	50	7.7	1.5	3.2	3.2	2,889	17,971	9.46
Class II	1,205	1,139	57.5	11.0	24.8	23.3	317	772,658	7.91	2.49	547	7.6	16.0	24.2	21.9	3,251	116,836	9.03
Class III	2,530	2,404	53.2	23.1	31.0	32.7	283	967,531	7.06	2.50	893	7.3	26.2	31.4	31.9	2,904	143,208	7.62
Class IV	2,283	2,083	47.8	20.0	19.0	20.2	282	589,255	6.99	2.48	802	7.2	23.5	20.7	21.5	2,832	102,515	8.08
Class V	1,970	1,555	34.6	15.0	9.4	9.4	299	331,536	8.44	2.83	488	5.3	14.3	9.5	10.3	2,730	49,400	8.17
Class VI	880	610	26.9	5.9	2.3	2.5	275	68,800	6.62	2.41	135	3.6	4.0	2.5	2.4	3,071	12,800	9.08
Other farms	5,082	2,467	24.0	23.7	8.7	8.2	316	253,092	7.37	2.33	496	3.6	14.5	8.6	8.8	2,870	43,686	8.39
Areas 6, C, and G	10,629	7,871	48.2	100.0	100.0	100.0	418	2,995,925	10.43	2.50	3,706	9.3	100.0	100.0	100.0	2,336	407,818	7.31
Commercial farms	6,910	5,856	53.0	74.4	92.3	92.0	419	2,772,475	10.48	2.50	2,984	9.7	80.5	86.8	86.9	2,333	353,281	7.29
Class I	244	188	75.9	2.4	13.6	8.9	636	419,068	16.31	2.56	101	12.4	2.7	7.1	7.5	2,205	31,846	7.61
Class II	852	787	59.3	10.0	22.5	20.2	466	681,733	11.77	2.53	522	11.1	14.1	20.8	19.5	2,485	92,340	8.49
Class III	1,707	1,591	54.0	20.2	25.5	28.3	376	761,740	9.36	2.49	960	11.3	25.9	29.2	30.5	2,233	115,075	6.76
Class IV	1,933	1,692	50.6	21.5	18.9	21.2	373	562,979	9.26	2.48	781	9.2	21.1	19.3	19.9	2,276	72,965	6.59
Class V	1,554	1,268	42.0	16.1	10.0	11.3	372	293,820	9.09	2.44	480	5.7	13.0	8.7	7.8	2,594	33,825	7.76
Class VI	620	330	32.5	4.2	1.8	2.2	341	53,135	8.42	2.47	140	4.8	3.8	1.7	1.7	2,398	7,230	7.77
Other farms	3,719	2,015	23.4	25.6	7.7	8.0	403	223,450	9.78	2.43	722	7.5	19.5	13.2	13.1	2,355	54,537	7.46
Areas 7 and H	10,713	8,842	56.0	100.0	100.0	100.0	337	3,771,245	8.64	2.57	2,836	7.4	100.0	100.0	100.0	2,937	371,905	6.46
Commercial farms	8,031	7,330	57.3	82.9	93.6	94.9	332	3,584,540	8.65	2.61	2,510	7.5	88.5	92.9	94.0	2,904	339,416	6.27
Class I	407	392	72.3	4.4	17.0	14.3	400	666,105	10.67	2.66	183	8.6	6.5	10.3	12.9	2,364	42,494	5.74
Class II	1,532	1,466	61.3	16.6	29.6	28.8	345	1,065,705	8.47	2.45	610	8.6	21.5	32.0	30.8	3,059	113,920	6.43
Class III	2,185	2,110	56.7	23.9	26.1	28.2	312	1,115,895	9.06	2.91	705	6.7	24.9	24.5	25.3	2,842	88,335	6.05
Class IV	1,751	1,641	50.4	18.6	12.3	14.3	289	430,910	6.90	2.38	556	7.0	19.6	16.3	15.1	3,159	60,280	6.91
Class V	1,531	1,281	44.9	14.5	6.9	7.5	311	244,885	7.53	2.42	396	6.7	14.0	8.8	8.5	3,047	30,927	6.35
Class VI	625	440	43.4	5.0	1.7	1.8	317	61,040	7.85	2.47	60	4.6	2.1	1.0	1.4	1,976	3,460	4.22
Other farms	2,682	1,512	39.9	17.1	6.4	5.1	423	186,705	8.40	1.98	326	6.2	11.5	7.1	6.0	3,457	32,489	9.37

USE OF FERTILIZER AND LIME

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Pennsylvania—Continued																		
Areas J and K	13,488	11,368	60.2	100.0	100.0	100.0	468	4,712,982	11.60	2.48	3,450	7.1	100.0	100.0	100.0	2,372	350,104	7.29
Commercial farms	10,192	9,287	61.6	81.7	96.1	95.9	468	4,535,502	11.64	2.48	3,089	7.3	89.5	95.6	95.9	2,365	335,494	7.29
Class I	705	680	70.0	6.0	21.3	14.8	672	1,027,576	17.09	2.54	283	7.9	8.2	15.0	14.2	2,511	55,516	8.14
Class II	3,172	3,062	64.8	26.9	39.8	41.5	449	1,855,936	11.01	2.45	1,221	7.6	35.4	40.2	41.1	2,321	141,053	7.16
Class III	2,705	2,495	58.3	21.9	21.2	23.6	420	1,001,285	10.45	2.49	880	7.1	25.5	23.8	24.4	2,315	84,400	7.21
Class IV	1,700	1,485	55.9	13.1	8.5	10.0	399	405,305	10.01	2.51	390	6.0	11.3	9.1	9.0	2,389	30,000	6.94
Class V	1,395	1,200	50.9	10.6	4.4	5.1	409	206,475	10.02	2.45	260	7.7	7.5	6.8	6.5	2,449	21,750	6.93
Class VI	515	365	44.6	3.2	0.9	1.0	419	38,925	9.73	2.32	55	3.5	1.6	0.7	0.7	2,698	2,775	8.81
Other farms	3,296	2,081	39.7	18.3	3.9	4.1	448	177,480	10.68	2.38	361	4.8	10.5	4.4	4.1	2,518	14,610	7.34
Areas L, M, and N	16,792	12,316	54.7	100.0	100.0	100.0	456	6,721,895	11.97	2.63	4,077	7.9	100.0	100.0	100.0	2,261	525,830	6.48
Commercial farms	11,389	9,763	56.9	79.3	95.1	94.6	458	6,403,244	12.05	2.63	3,534	8.1	86.7	93.9	93.2	2,279	490,684	6.49
Class I	800	674	70.1	5.5	26.3	18.7	640	1,926,129	18.33	2.86	356	13.3	8.7	25.9	24.7	2,375	139,350	6.97
Class II	2,928	2,728	59.0	22.2	33.9	35.2	439	2,209,065	11.16	2.55	1,248	8.0	30.6	33.5	33.2	2,282	177,164	6.58
Class III	3,040	2,730	55.3	22.2	20.8	24.5	386	1,342,645	9.75	2.53	990	6.8	24.3	19.9	20.9	2,153	104,565	6.18
Class IV	2,075	1,720	48.9	14.0	8.2	9.6	394	541,330	10.09	2.56	500	5.5	12.3	8.6	7.5	2,606	40,485	6.66
Class V	1,866	1,451	44.1	11.8	5.0	5.6	401	326,920	10.32	2.57	355	6.6	8.7	5.1	5.8	1,981	22,635	4.79
Class VI	680	460	30.2	3.7	0.9	1.0	418	57,155	10.44	2.50	85	5.1	2.1	0.9	1.1	1,762	6,485	7.01
Other farms	5,403	2,553	32.2	20.7	4.9	5.4	417	318,651	10.60	2.55	543	5.9	13.3	6.1	6.8	2,018	35,146	6.35
Rhode Island, total	1,953	836	28.0	100.0	100.0	100.0	733	328,261	20.77	2.84	277	5.7	100.0	100.0	100.0	2,052	28,916	8.97
Commercial farms	1,103	566	33.6	67.7	95.4	93.4	748	307,311	20.82	2.78	192	6.4	69.3	87.6	87.9	2,045	25,981	9.17
Class I	92	67	48.1	8.0	23.1	18.1	936	74,263	25.97	2.78	40	9.4	14.4	19.8	17.4	2,339	6,525	11.65
Class II	261	161	39.5	19.3	31.4	33.5	688	102,822	19.43	2.83	81	12.0	29.2	41.3	49.7	1,705	12,111	7.56
Class III	246	141	40.3	16.9	22.6	24.0	690	68,125	17.95	2.60	35	3.5	12.6	18.9	10.2	3,788	5,250	15.91
Class IV	220	100	21.3	12.0	10.3	9.6	787	35,175	23.29	2.96	30	4.3	10.8	5.9	9.5	1,279	1,700	5.57
Class V	192	71	18.3	8.5	5.7	5.1	825	19,721	24.50	2.97	1	0.3	0.4	0.9	0.5	4,000	270	18.00
Class VI	92	26	13.5	3.1	2.2	3.2	508	7,205	14.41	2.84	5	0.5	1.8	0.8	0.6	2,500	125	6.25
Other farms	850	270	8.4	32.3	4.6	6.6	515	20,950	20.14	3.91	85	3.1	30.7	12.4	12.1	2,103	2,935	7.53
Areas 1 and A	1,953	836	28.0	100.0	100.0	100.0	733	328,261	20.77	2.84	277	5.7	100.0	100.0	100.0	2,052	28,916	8.97
Commercial farms	1,103	566	33.6	67.7	95.4	93.4	748	307,311	20.82	2.78	192	6.4	69.3	87.6	87.9	2,045	25,981	9.17
Class I	92	67	48.1	8.0	23.1	18.1	936	74,263	25.97	2.78	40	9.4	14.4	19.8	17.4	2,339	6,525	11.65
Class II	261	161	39.5	19.3	31.4	33.5	688	102,822	19.43	2.83	81	12.0	29.2	41.3	49.7	1,705	12,111	7.56
Class III	246	141	40.3	16.9	22.6	24.0	690	68,125	17.95	2.60	35	3.5	12.6	18.9	10.2	3,788	5,250	15.91
Class IV	220	100	21.3	12.0	10.3	9.6	787	35,175	23.29	2.96	30	4.3	10.8	5.9	9.5	1,279	1,700	5.57
Class V	192	71	18.3	8.5	5.7	5.1	825	19,721	24.50	2.97	1	0.3	0.4	0.9	0.5	4,000	270	18.00
Class VI	92	26	13.5	3.1	2.2	3.2	508	7,205	14.41	2.84	5	0.5	1.8	0.8	0.6	2,500	125	6.25
Other farms	850	270	8.4	32.3	4.6	6.6	515	20,950	20.14	3.91	85	3.1	30.7	12.4	12.1	2,103	2,935	7.53
South Carolina, total	124,188	108,274	65.4	100.0	100.0	100.0	477	36,057,690	11.07	2.32	5,546	2.9	100.0	100.0	100.0	1,740	683,199	4.77
Commercial farms	73,130	70,143	71.1	64.8	88.2	85.7	491	31,848,807	11.41	2.32	4,348	3.2	78.4	87.3	87.1	1,744	606,180	4.86
Class I	742	692	74.5	0.6	10.7	9.4	542	3,706,966	12.07	2.23	249	5.8	4.5	17.1	16.6	1,786	124,210	5.21
Class II	2,220	2,118	72.0	2.0	12.0	11.9	484	4,288,373	11.11	2.29	512	4.8	9.2	18.6	18.0	1,797	133,037	5.17
Class III	6,632	6,409	72.4	5.9	14.2	13.1	517	5,216,574	12.19	2.36	754	3.6	13.6	13.7	14.8	1,609	93,142	4.39
Class IV	20,731	20,005	73.6	18.5	23.3	21.5	515	8,536,473	12.16	2.36	1,076	2.5	19.4	16.1	16.9	1,656	111,073	4.59
Class V	24,483	23,426	69.2	21.6	19.2	19.8	461	6,975,083	10.82	2.34	1,209	2.1	21.8	15.3	14.0	1,913	102,877	5.15
Class VI	18,322	17,493	65.0	16.2	8.8	10.0	420	3,125,338	9.62	2.29	548	2.0	9.9	6.5	6.8	1,664	41,841	4.29
Other farms	51,058	38,131	43.9	35.2	11.8	14.3	394	4,208,883	9.06	2.30	1,198	1.7	21.6	12.7	12.9	1,717	77,019	4.16
Area 1	5,400	4,541	55.4	100.0	100.0	100.0	393	911,490	10.36	2.63	414	5.4	100.0	100.0	100.0	1,837	40,558	4.69
Commercial farms	1,595	1,533	62.9	33.8	64.4	61.3	413	562,822	10.44	2.52	247	8.4	59.7	82.5	83.2	1,821	35,238	4.90
Class I	12	12	51.5	0.3	4.1	2.2	734	33,350	17.37	2.37	6	25.9	1.4	8.2	11.2	1,347	3,440	3.56
Class II	24	23	64.8	0.5	5.0	3.2	623	43,150	15.53	2.49	17	9.6	4.1	3.9	4.8	1,506	1,778	4.31
Class III	57	47	50.4	1.0	3.9	4.7	320	32,635	7.82	2.44	30	5.0	7.2	4.5	4.8	1,735	1,835	4.42
Class IV	210	200	65.0	4.4	14.8	15.4	378	132,852	9.83	2.60	61	11.8	14.7	29.5	28.3	1,914	13,630	5.56
Class V	565	544	64.8	12.0	19.7	19.4	399	174,045	10.18	2.55	67	6.9	16.2	22.7	21.1	1,984	9,450	5.19
Class VI	727	707	65.1	15.6	17.0	16.4	408	146,790	10.17	2.49	66	5.1	15.9	13.5	13.0	1,911	5,105	4.54
Other farms	3,805	3,008	46.6	66.2	35.6	38.7	362	348,668	10.23	2.83	167	2.0	40.3	17.5	16.8	1,912	5,320	3.66
Area 2	19,411	15,533	57.6	100.0	100.0	100.0	406	4,218,823	9.28	2.28	1,286	4.9	100.0	100.0	100.0	1,593	158,707	4.08
Commercial farms	8,273	7,781	67.0	50.1	79.0	77.2	416	3,329,322	9.49	2.28	963	6.1	74.9	82.7	82.3	1,603	136,480	4.27
Class I	128	113	72.7	0.7	8.5	7.5	461	357,165	10.48	2.27	43	6.5	3.3	8.6	7.8	1,767	16,028	5.30
Class II	413	383	72.6	2.5	12.7	12.1	424	534,685	9.69	2.29	104	7.0	8.1	14.8	13.6	1,736	25,071	4.75
Class III	490	464	68.0	3.0	9.2	8.7	431	380,420	9.66	2.24	158	12.0	12.3	16.5	17.8	1,478	28,496	4.12
Class IV	1,178	1,073	65.9	6.9	15.2	14.9	416	635,373	9.41	2.26	198	7.6	15.4	16.6	20.1	1,317	23,935	3.07
Class V	3,132	2,996	65.4	19.3	21.1	21.6	397	892,614	9.10	2.29	304	3.8	23.6	18.0	14.8	1,943	29,760	5.17
Class VI	2,932	2,752	62.3	17.7	12.4	12.5	403	529,065	9.33	2.32	156	3.5	12.1	8.2	8.3	1,581	13,190	4.10
Other farms	11,138	7,752	39.1	49.9	21.0	22.8	374	889,501	8.60	2.30	323	2.6	25.1	17.3	17.7	1,550	22,227	3.22
Area 3	10,947	8,701	50.8	100.0	100.0	100.0	405	2,086,588	8.87	2.19	448	2.6	100.0	100.0	100.0	1,848	57,433	4.79
Commercial farms	4,942	4,696	60.4	54.0	80.6	79.6	411	1,683,717	9.00	2.19	313	3.4	69.9	90.1	88.3	1,885	50,898	4.81
Class I	60	55	77.5	0.6	4.6	5.7	328	97,714	7.34	2.24	7	1.2	1.6	2.6	1.8	2,736	800	3.77
Class II	135	135	64.6	1.6	12.1	11.0	443	262,591	10.11	2.28	45	7.7	10.0	23.0	26.0	1,632	16,382	5.26
Class III	206	185	59.8	2.1	7.0	6.9	411	141,713	8.73	2.12	33	7.4	7.4	15.8	16.8	1,746	9,115	4.53
Class IV	668	648	57.4	7.4	15.6	15.9	398	321,995	8.63	2.17	88	2.9	19.6	24.1	15.9	2,797	12,337	6.46
Class V	1,864	1,801	60.7	20.7	25.8	25.3	414	536,615	9.02	2.18	84	1.8	18.8	14.1	14.7	1,781	6,360	3.62
Class VI	2,009	1,872	55.7	21.5	15.6	14.8	426	323,089	9.26	2.18	56	2.5	12.5	10.4	13.2	1,461	5,904	3.74
Other farms	6,005	4,005	31.4	46.0	19.4	20.4	384	402,871	8.39	2.18	135	0.9	30.1	9.9	11.7	1,566	6,535	4.65
Area 4	9,906	8,304	54.3	100.0	100.0	100.0	384	2,058,716	8.65	2.26	704	4.0	100.0	100.0	100.0	1,766	76,284	4.36
Commercial farms	4,475	4,211	60.8	50.7	79.9	76.4	401	1,650,875	9.08	2.26	526	4.6	74.7	78.5	78.9	1,756	59,464	4.31
Class I	46	46	78.0	0.6	11.9	7.9	575	256,805	13.64	2.37	21	10.6	3.0	12.1	14.7	1,456	10,790	4.20
Class II	124	119	58.0	1.4	7.0	7.4	358	147,164	8.31	2.32	39	4.6	5.5	9.7	8.1	2,118	7,587	5.37
Class III	257	246	63.5	3.0	11.6	11.3	396	233,708	8.73	2.21	90	5.3	12.8	12.1	12.7	1,687	7,762	3.49
Class IV	656	599	51.6	7.2	14.3	13.3	411	285,828	9.03	2.20	127	4.7	18.0	16.5	16.7	1,750	12,558	4.31
Class V	1,469	1,373	63.0	16.5	20.8	20.9	382	432,690	8.71	2.28	138	3.8	19.6	17.5	17.0	1,811	12,377	4.16
Class VI	1,923	1,828	60.0	22.0	14.5	15.6	356	294,680	7.94	2.23	111	2.8	15.8	10.6	9.7	1,912	8,390	4.92
Other farms	5,431	4,093	40.4	49.3	20.1	23.6	327	407,841	7.27	2.23	178	2.7	25.3	21.5	21.1	1,802	16,820	4.56

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer									Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
South Carolina—Continued																		
Areas 5, A, and B	12,689	10,869	60.7	100.0	100.0	100.0	434	3,629,619	9.70	2.23	473	2.0	100.0	100.0	100.0	1,984	67,803	5.54
Commercial farms	6,302	5,946	66.3	54.7	83.7	81.5	446	3,035,102	9.95	2.23	372	2.3	78.6	87.2	88.0	1,966	60,523	5.61
Class I	110	83	66.0	0.8	10.8	9.9	471	367,949	9.88	2.10	25	3.9	5.3	19.3	17.8	2,153	13,604	6.25
Class II	231	196	71.2	1.8	11.4	9.9	499	413,436	11.15	2.24	51	4.6	10.8	23.9	19.6	2,422	14,234	5.94
Class III	377	350	67.3	3.2	10.6	10.9	419	403,462	9.86	2.35	27	1.4	5.7	8.5	7.0	2,404	5,825	6.80
Class IV	1,293	1,242	69.7	11.4	19.4	19.1	439	703,758	9.83	2.24	91	2.3	19.2	14.2	19.1	1,482	12,475	5.34
Class V	2,298	2,184	64.6	20.1	21.6	21.3	440	786,857	9.87	2.24	158	2.0	33.4	17.7	19.9	1,765	12,255	5.02
Class VI	1,993	1,891	59.7	17.4	10.0	10.3	422	359,640	9.35	2.22	20	0.9	4.2	3.6	4.7	1,526	2,130	3.74
Other farms	6,387	4,923	44.2	45.3	16.3	18.5	382	594,517	8.57	2.24	101	0.9	21.4	12.8	12.0	2,115	7,280	4.97
Area 6	27,104	25,146	75.6	100.0	100.0	100.0	468	11,825,729	10.59	2.26	1,015	2.4	100.0	100.0	100.0	1,791	184,134	5.19
Commercial farms	20,277	19,707	77.3	78.4	94.1	93.1	473	11,127,699	10.70	2.26	912	2.5	89.9	95.7	96.3	1,780	176,144	5.15
Class I	287	285	77.6	1.1	16.3	15.0	511	1,919,660	11.50	2.25	109	4.8	10.7	30.4	29.1	1,872	54,683	5.30
Class II	814	791	75.2	3.1	17.1	16.9	475	2,021,303	10.73	2.26	198	4.3	19.5	29.9	30.7	1,747	57,548	5.29
Class III	1,885	1,859	77.4	7.4	15.5	14.9	485	1,834,119	10.99	2.27	160	2.5	15.8	12.7	14.9	1,529	23,961	4.53
Class IV	5,786	5,648	80.3	22.5	21.3	20.7	481	2,516,787	10.88	2.26	148	1.2	14.6	9.6	9.9	1,731	17,165	4.86
Class V	7,050	6,819	76.7	27.1	17.5	18.1	451	2,070,050	10.23	2.27	241	1.2	23.7	10.8	9.2	2,085	18,540	5.65
Class VI	4,455	4,305	74.4	17.1	6.5	7.6	402	765,780	9.06	2.25	56	0.8	5.5	2.3	2.5	1,692	4,247	4.84
Other farms	6,827	5,439	58.8	21.6	5.9	6.9	401	698,030	9.12	2.27	103	1.0	10.1	4.3	3.7	2,053	7,990	6.05
Area 7	25,511	23,814	78.7	100.0	100.0	100.0	636	8,157,155	16.14	2.54	858	1.5	100.0	100.0	100.0	1,473	47,690	4.84
Commercial farms	22,341	21,478	80.0	90.2	96.2	95.4	641	7,865,960	16.32	2.54	763	1.5	88.9	88.9	88.9	1,473	41,635	4.76
Class I	43	43	76.7	0.2	1.2	1.8	431	90,378	9.76	2.27	11	18.9	1.3	23.8	23.2	1,513	7,896	3.46
Class II	316	314	77.2	1.3	5.5	6.1	575	479,178	15.67	2.72	31	3.0	3.6	9.5	12.2	1,140	4,512	3.74
Class III	3,033	2,937	78.5	12.3	21.5	20.2	679	1,772,170	17.40	2.56	202	1.2	23.5	16.8	15.5	1,591	7,655	5.00
Class IV	10,192	9,857	81.9	41.4	43.8	42.7	652	3,528,227	16.36	2.51	318	0.9	37.1	23.5	25.2	1,376	13,357	5.38
Class V	6,523	6,203	78.6	26.0	19.1	19.1	637	1,591,285	16.52	2.59	160	0.9	18.6	12.3	10.7	1,705	6,980	6.65
Class VI	2,234	2,124	79.9	8.9	5.1	5.6	574	404,722	14.25	2.48	41	0.6	4.8	3.0	2.1	2,098	1,235	6.02
Other farms	3,170	2,336	59.4	9.8	3.8	4.6	520	291,195	12.52	2.41	95	2.8	11.1	11.1	11.1	1,477	6,055	5.56
Areas 8 and C	13,220	11,366	61.4	100.0	100.0	100.0	576	3,169,570	12.92	2.24	348	2.1	100.0	100.0	100.0	1,859	50,590	5.90
Commercial farms	4,925	4,791	64.4	42.2	81.5	78.0	602	2,593,310	13.56	2.25	252	2.5	72.4	87.4	86.3	1,882	45,798	6.18
Class I	56	55	69.5	0.5	19.4	10.4	1,067	583,945	22.80	2.14	27	6.2	7.8	25.9	26.6	1,812	16,969	7.44
Class II	163	157	65.7	1.4	13.1	11.6	651	386,866	13.62	2.09	27	2.4	7.8	13.8	12.0	2,126	5,925	5.73
Class III	327	321	63.5	2.8	13.1	12.9	585	418,347	13.20	2.26	54	3.9	15.5	20.9	22.8	1,702	8,493	4.34
Class IV	748	738	66.5	6.5	12.1	13.6	513	411,653	12.38	2.41	45	1.6	12.9	10.6	9.1	2,177	5,616	7.20
Class V	1,582	1,506	61.2	13.3	14.6	17.2	489	490,927	11.67	2.38	57	1.3	16.4	12.3	10.4	2,190	7,155	7.99
Class VI	2,049	2,014	62.7	17.7	9.3	12.3	436	301,572	9.99	2.29	42	1.0	12.1	3.9	5.4	1,318	1,640	3.57
Other farms	8,295	6,575	52.6	57.8	18.5	22.0	484	576,260	10.66	2.21	96	1.1	27.6	12.6	13.7	1,711	4,792	4.08
South Dakota, total	62,350	10,464	2.8	100.0	100.0	100.0	140	3,211,190	5.83	4.17	112	(Z)	100.0	100.0	100.0	1,267	2,731	2.73
Commercial farms	59,796	10,359	2.8	99.0	99.2	99.4	140	3,191,349	5.83	4.18	111	(Z)	99.1	95.3	88.0	1,371	2,631	2.99
Class I	1,494	545	4.7	5.2	14.2	13.0	154	484,059	6.78	4.42	1	(Z)	0.9	0.2	0.1	2,000	15	15.00
Class II	9,585	2,958	3.8	28.3	35.8	36.1	139	1,166,693	5.87	4.23	16	(Z)	14.3	8.7	5.5	2,000	323	5.87
Class III	20,871	4,176	2.6	39.9	33.1	33.2	139	1,029,163	5.63	4.04	48	(Z)	42.9	33.3	36.1	1,169	855	2.37
Class IV	17,504	2,005	1.7	19.2	11.7	12.9	126	369,500	5.19	4.12	40	(Z)	35.7	37.1	36.0	1,306	930	2.58
Class V	7,602	545	1.4	5.2	3.4	3.3	141	108,044	5.89	4.18	6	(Z)	5.4	16.1	10.4	1,962	508	4.88
Class VI	2,740	130	1.9	1.2	1.1	0.9	160	33,890	6.69	4.17	...	...	...	...	...	...	...	...
Other farms	2,554	105	2.4	1.0	0.8	0.6	182	19,841	6.10	3.35	1	0.1	0.9	4.7	12.0	500	100	0.83
Area 1	9,858	420	0.4	100.0	100.0	100.0	181	140,986	8.07	4.46	2	(Z)	100.0	100.0	100.0	2,667	58	6.44
Commercial farms	9,210	372	0.4	88.6	97.3	97.2	181	137,779	8.12	4.48	2	(Z)	100.0	100.0	100.0	2,667	58	6.44
Class I	481	41	0.5	9.8	14.0	17.6	144	21,027	6.84	4.76	...	...	...	...	...	...	...	...
Class II	1,844	147	0.6	35.0	40.9	42.7	173	58,269	7.81	4.51	...	...	...	...	...	...	...	...
Class III	2,568	98	0.3	23.3	22.6	18.8	217	28,355	8.62	3.97	1	(Z)	50.0	83.3	55.6	4,000	50	10.00
Class IV	2,213	43	0.3	10.2	9.6	10.3	169	15,278	8.51	5.03	...	...	...	...	...	...	...	...
Class V	1,395	33	0.5	7.9	10.1	7.5	243	14,640	11.13	4.58	1	(Z)	50.0	16.7	44.4	1,000	8	2.00
Class VI	709	10	(Z)	2.4	0.1	0.2	100	210	5.25	5.25	...	...	...	...	...	...	...	...
Other farms	648	48	1.0	11.4	2.7	2.8	170	3,207	6.48	3.82	...	...	...	...	...	...	...	...
Area 2a	6,737	209	0.4	100.0	100.0	100.0	76	53,028	3.60	4.74	3	(Z)	100.0	100.0	100.0	1,355	220	3.55
Commercial farms	6,554	209	0.4	100.0	100.0	100.0	76	53,028	3.60	4.74	3	(Z)	100.0	100.0	100.0	1,355	220	3.55
Class I	170	26	0.7	12.4	18.1	15.2	90	8,459	3.76	4.19	1	(Z)	33.3	2.4	1.6	2,000	15	15.00
Class II	1,030	74	0.6	35.4	36.5	36.4	76	18,082	3.37	4.43	...	...	...	...	...	...	...	...
Class III	2,107	76	0.4	36.4	35.4	35.2	76	21,854	4.21	5.52	2	(Z)	66.7	97.6	98.4	1,344	205	3.36
Class IV	2,221	33	0.2	15.8	10.0	13.2	58	4,633	2.39	4.14	...	...	...	...	...	...	...	...
Class V	804	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Class VI	222	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other farms	183	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2b	8,842	855	1.6	100.0	100.0	100.0	112	249,967	4.70	4.19	16	(Z)	100.0	100.0	100.0	1,024	423	2.06
Commercial farms	8,493	845	1.6	98.8	99.9	99.9	112	249,817	4.70	4.19	16	(Z)	100.0	100.0	100.0	1,024	423	2.06
Class I	186	76	6.5	8.9	27.6	28.2	110	74,491	4.97	4.52	...	...	...	...	...	...	...	...
Class II	1,335	234	1.9	27.4	33.1	32.1	116	80,212	4.70	4.07	1	(Z)	6.2	38.1	19.5	2,000	228	5.70
Class III	2,798	331	1.2	38.7	26.9	26.8	113	64,271	4.51	4.01	5	(Z)	31.2	4.8	2.4	2,000	35	7.00
Class IV	2,711	174	0.8	20.4	9.8	10.5	105	25,143	4.51	4.29	10	(Z)	62.5	57.1	78.0	750	160	1.00
Class V	1,147	15	0.3	1.8	1.3	1.2	118	2,860	4.43	3.76	...	...	...	...	...	...	...	...
Class VI	316	15	1.7	1.8	1.3	1.2	117	2,840	4.37	3.74	...	...	...	...	...	...	...	...
Other farms	349	10	0.1	1.2	0.1	0.1	114	150	4.29	3.75	...	...	...	...	...	...	...	...
Area 3a	4,529	400	1.2	100.0	100.0	100.0	87	81,143	4.03	4.64	...	...	...	...	...	...	...	...
Commercial farms	4,369	400	1.2	100.0	100.0	100.0	87	81,143	4.03	4.64	...	...	...	...	...	...	...	...
Class I	90	25	1.1	6.2	7.6	5.9	112	5,456	4.62	4.13	...	...	...	...	...	...	...	...
Class II	634	107	1.3	26.8	30.3	27.2	97	23,945	4.37	4.52	...	...	...	...	...	...	...	...
Class III	1,342	121	1.4	30.2	29.4	38.8	66	24,447	3.13	4.76	...	...	...	...	...	...	...	...
Class IV	1,344	115	1.2	28.8	27.1	22.9	103	23,176	5.02	4.89	...	...	...	...	...	...	...	...
Class V	726	27	0.5	6.8	5.0	4.3	103	3,669	4.28	4.17	...	...	...	...	...	...	...	...
Class VI	233	5	0.6	1.2	0.6	0.9	57	450	2.57	4.50	...	...	...	...	...	...	...	...
Other farms	160	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer									Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
South Dakota—Continued																		
Area 3b	10,335	1,680	3.2	100.0	100.0	100.0	132	475,271	6.04	4.56	36	(Z)	100.0	100.0	100.0	1,587	795	2.52
Commercial farms	9,930	1,677	3.2	99.8	98.9	99.2	132	470,677	6.03	4.57	35	(Z)	97.2	88.0	61.9	2,256	695	3.56
Class I	85	25	5.8	1.5	5.3	5.8	120	26,980	5.86	4.91	...	...	...	...	...	...	...	...
Class II	1,490	526	4.6	31.3	31.6	34.1	123	161,308	6.01	4.90	15	(Z)	41.7	6.0	4.8	2,000	95	6.33
Class III	4,142	794	2.7	47.3	39.2	38.2	136	178,750	5.94	4.37	10	(Z)	27.8	44.0	38.1	1,833	295	2.46
Class IV	2,840	282	2.4	16.8	17.1	16.3	139	76,874	6.00	4.32	10	(Z)	27.8	38.0	19.0	3,167	305	5.08
Class V	1,058	40	1.0	2.4	1.6	1.7	124	8,215	6.06	4.89	...	...	...	...	...	...	...	...
Class VI	315	10	10.7	0.6	4.1	3.0	181	18,550	7.81	4.31	...	...	...	...	...	...	...	...
Other farms	405	3	3.5	0.2	1.1	0.8	184	4,594	7.54	4.10	1	0.7	2.8	12.0	38.1	500	100	0.83
Area 4a	9,700	2,296	4.6	100.0	100.0	100.0	135	563,542	5.12	3.79	15	(Z)	100.0	100.0	100.0	400	195	1.30
Commercial farms	9,394	2,280	4.5	99.3	99.2	99.2	135	558,877	5.11	3.78	15	(Z)	100.0	100.0	100.0	400	195	1.30
Class I	70	49	15.8	2.1	8.5	7.2	159	47,615	6.00	3.77	...	...	...	...	...	...	...	...
Class II	970	479	8.6	20.9	30.7	32.0	129	176,642	5.01	3.87	...	...	...	...	...	...	...	...
Class III	3,492	1,039	4.2	45.3	41.7	40.0	141	233,309	5.30	3.76	5	(Z)	33.3	33.3	66.7	200	90	0.90
Class IV	3,265	538	2.3	23.4	12.8	14.7	118	71,181	4.40	3.73	10	(Z)	66.7	66.7	33.3	800	105	2.10
Class V	1,212	175	3.4	7.6	5.5	5.3	139	30,130	5.13	3.69	...	...	...	...	...	...	...	...
Class VI	385	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other farms	306	16	9.4	0.7	0.8	0.8	130	4,665	5.43	4.17	...	...	...	...	...	...	...	...
Area 4b	12,349	4,604	11.3	100.0	100.0	100.0	155	1,647,253	6.43	4.15	40	(Z)	100.0	100.0	100.0	1,500	1,040	4.00
Commercial farms	11,846	4,576	11.3	99.4	99.3	99.5	155	1,640,028	6.43	4.16	40	(Z)	100.0	100.0	100.0	1,500	1,040	4.00
Class I	412	303	23.7	6.6	16.9	14.6	180	300,031	8.03	4.46	...	...	...	...	...	...	...	...
Class II	2,282	1,391	16.5	30.2	39.1	39.5	154	648,235	6.41	4.18	...	...	...	...	...	...	...	...
Class III	4,422	1,717	8.7	37.3	30.1	30.5	153	478,177	6.12	4.00	25	(Z)	62.5	17.9	26.9	1,000	180	2.57
Class IV	2,910	820	6.4	17.8	9.6	11.0	135	153,215	5.43	4.02	10	(Z)	25.0	30.8	34.6	1,333	360	4.00
Class V	1,260	255	6.4	5.5	2.8	3.2	134	48,530	5.84	4.35	5	0.1	12.5	51.3	38.5	2,000	500	5.00
Class VI	560	90	7.0	2.0	0.7	0.7	160	11,840	6.49	4.05	...	...	...	...	...	...	...	...
Other farms	503	28	8.9	0.6	0.7	0.5	223	7,225	5.75	2.58	...	...	...	...	...	...	...	...
Tennessee, total	203,385	153,055	34.7	100.0	100.0	100.0	330	26,797,255	8.31	2.52	10,330	1.6	100.0	100.0	100.0	3,221	769,764	5.33
Commercial farms	124,468	107,945	36.9	70.5	87.7	88.6	327	23,737,892	8.31	2.55	8,153	1.6	78.9	86.2	86.9	3,195	667,035	5.32
Class I	609	554	42.8	0.4	4.6	4.1	371	1,398,914	10.70	2.88	147	4.3	1.4	5.3	9.1	1,882	49,152	3.76
Class II	2,782	2,523	39.2	1.6	7.8	8.1	319	2,154,499	8.25	2.58	573	2.7	5.5	13.5	12.7	3,432	110,409	6.03
Class III	9,376	8,641	39.7	5.6	14.8	15.3	318	4,184,206	8.45	2.66	1,261	2.0	12.2	17.0	17.1	3,202	122,769	4.98
Class IV	25,945	23,914	39.9	15.6	24.1	24.7	322	6,544,474	8.23	2.56	2,270	1.6	22.0	22.4	21.9	3,297	177,599	5.63
Class V	46,618	41,239	35.7	26.9	24.9	24.7	333	6,545,809	8.23	2.47	2,670	1.2	25.8	19.9	18.2	3,531	143,041	5.46
Class VI	39,138	31,074	29.3	20.3	11.5	11.7	324	2,909,990	7.68	2.38	1,232	0.9	11.9	8.1	8.1	3,245	64,065	5.49
Other farms	78,917	45,110	23.5	29.5	12.3	11.4	353	3,059,363	8.29	2.35	2,177	1.2	21.1	13.8	13.0	3,409	102,729	5.45
Areas 1 and A	40,569	33,357	38.2	100.0	100.0	100.0	311	7,597,585	9.20	2.96	1,027	1.1	100.0	100.0	100.0	2,615	150,195	6.48
Commercial farms	33,233	29,846	39.3	89.5	95.8	95.6	312	7,283,419	9.23	2.96	921	1.1	89.7	94.8	94.8	2,614	141,885	6.46
Class I	261	238	37.7	0.7	8.2	7.2	356	681,648	11.53	3.24	54	3.3	5.3	17.0	22.1	2,016	26,040	5.10
Class II	995	866	35.0	2.6	11.0	10.7	322	806,542	9.17	2.85	150	2.1	14.6	26.4	22.8	3,024	41,464	7.84
Class III	3,273	3,054	37.9	9.2	18.1	18.1	311	1,405,161	9.39	3.02	183	1.2	17.8	20.4	20.1	2,658	27,086	5.81
Class IV	8,944	8,282	42.5	24.8	27.1	28.3	298	2,078,821	8.91	2.99	332	1.0	32.3	21.6	22.6	2,489	34,950	6.66
Class V	13,268	12,131	42.5	36.4	24.1	24.2	309	1,788,590	8.95	2.89	142	0.3	13.8	8.0	5.7	3,665	10,140	7.71
Class VI	6,492	5,275	31.7	15.8	7.2	7.2	314	522,657	8.83	2.81	60	0.2	5.8	1.4	1.5	2,493	2,205	6.39
Other farms	7,336	3,511	24.2	10.5	4.2	4.4	297	314,166	8.65	2.91	106	0.8	10.3	5.2	5.2	2,633	8,310	6.92
Area 2	19,672	15,107	38.7	100.0	100.0	100.0	286	2,897,586	7.38	2.58	898	1.4	100.0	100.0	100.0	2,927	83,081	5.82
Commercial farms	12,808	11,733	41.7	77.7	90.4	90.6	285	2,628,384	7.39	2.59	762	1.5	84.9	90.6	90.2	2,940	73,961	5.74
Class I	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Class II	175	174	47.3	1.2	5.2	5.9	256	154,530	6.73	2.62	26	4.4	2.9	6.4	14.9	1,267	4,910	2.31
Class III	869	843	48.4	5.6	13.9	13.8	288	417,224	7.70	2.67	128	1.4	14.3	14.8	11.3	3,835	8,966	5.55
Class IV	3,040	2,933	44.8	19.4	30.6	29.4	298	900,105	7.80	2.62	286	2.2	31.8	45.0	38.8	3,397	37,210	6.72
Class V	4,850	4,530	40.3	30.0	28.3	28.4	285	807,803	7.24	2.54	257	1.0	28.6	20.0	19.3	3,038	16,470	5.98
Class VI	3,868	3,253	33.3	21.5	12.3	13.1	268	348,722	6.80	2.53	65	0.6	7.2	4.4	6.0	2,129	6,405	7.49
Other farms	6,864	3,374	22.8	22.3	9.6	9.4	291	269,202	7.27	2.50	136	0.9	15.1	9.4	9.8	2,809	9,120	6.54
Area 3	11,976	8,808	38.6	100.0	100.0	100.0	279	1,555,858	6.47	2.32	691	1.3	100.0	100.0	100.0	3,193	41,367	5.09
Commercial farms	6,547	5,791	42.1	65.7	85.5	84.6	282	1,334,438	6.56	2.33	569	1.5	82.3	85.8	87.0	3,150	35,633	5.04
Class I	6	6	67.3	0.1	1.5	1.3	321	25,590	8.16	2.54	1	2.8	0.1	1.4	1.6	2,769	612	4.71
Class II	74	74	50.7	0.8	4.2	4.9	244	66,067	5.66	2.32	12	3.0	1.7	10.5	8.4	4,029	4,653	6.84
Class III	336	309	42.7	3.5	13.3	11.9	311	218,271	7.64	2.45	68	2.0	9.8	17.3	16.6	3,328	8,053	5.95
Class IV	1,052	975	50.6	11.1	24.2	22.5	301	369,718	6.85	2.28	124	1.1	17.9	15.7	14.9	3,372	5,740	4.74
Class V	2,364	2,232	40.4	25.3	27.2	27.1	280	413,872	6.35	2.27	234	1.6	33.9	29.7	32.3	2,932	11,960	4.55
Class VI	2,715	2,195	33.9	24.9	15.0	17.0	246	240,920	5.88	2.39	130	0.9	18.8	11.1	13.2	2,701	4,615	4.31
Other farms	5,429	3,017	26.5	34.3	14.5	15.4	264	221,420	6.00	2.28	122	0.8	17.7	14.2	13.0	3,479	5,734	5.41
Area 4	10,239	8,030	34.9	100.0	100.0	100.0	402	2,028,472	10.05	2.50	537	1.5	100.0	100.0	100.0	3,597	42,951	5.07
Commercial farms	7,1[illegible]	6,430	37.5	80.1	94.0	93.8	403	1,918,342	10.14	2.51	482	1.6	89.8	92.3	93.3	3,556	40,331	5.10
Class I	43	42	37.8	0.5	3.2	3.4	377	70,020	10.13	2.68	3	0.8	0.6	1.8	1.7	3,821	831	5.73
Class II	197	175	44.2	2.2	12.2	12.6	388	243,385	9.53	2.46	68	4.4	12.7	32.3	30.0	3,874	13,290	5.23
Class III	769	729	43.5	9.1	22.6	22.6	402	481,662	10.54	2.62	96	1.4	17.9	16.7	17.0	3,535	7,025	4.88
Class IV	2,069	1,889	36.9	23.5	30.3	28.7	424	617,680	10.66	2.51	135	1.0	25.1	16.7	18.2	3,312	8,435	5.48
Class V	2,620	2,340	33.6	29.1	19.3	19.7	395	385,875	9.72	2.46	145	1.3	27.0	17.6	18.4	3,436	8,080	5.18
Class VI	1,495	1,255	27.7	15.6	6.3	6.7	380	119,720	8.86	2.33	35	1.4	6.5	7.1	8.0	3,191	2,670	3.93
Other farms	3,045	1,600	17.1	19.9	6.0	6.2	391	110,130	8.80	2.25	55	0.8	10.2	7.7	6.7	4,159	2,620	4.64
Areas 5 and B	29,528	16,936	25.4	100.0	100.0	100.0	268	2,584,807	6.46	2.41	1,122	1.4	100.0	100.0	100.0	2,577	85,118	3.84
Commercial farms	19,467	13,505	26.7	79.7	91.8	92.1	267	2,373,357	6.44	2.41	982	1.5	87.5	93.2	94.2	2,549	79,443	3.80
Class I	92	86	41.4	0.5	6.0	5.0	322	174,426	8.65	2.69	33	11.6	2.9	11.2	25.4	1,136	9,875	1.75
Class II	507	461	34.7	2.7	11.1	11.3	263	294,657	6.52	2.48	111	2.2	9.9	18.6	13.0	3,688	16,570	5.75
Class III	1,764	1,458	30.0	8.6	17.5	19.4	241	496,410	6.38	2.64	276	1.6	24.6	23.2	18.6	3,215	19,934	4.84
Class IV	3,978	3,276	28.4	19.3	24.7	25.4	262	622,640	6.14	2.35	322	1.7	28.7	28.1	26.6	2,726	21,999	3.73
Class V	7,119	5,032	22.4	29.7	22.9	21.6	284	556,610	6.43	2.27	200	0.5	17.8	9.2	8.4	2,807	8,145	4.36
Class VI	6,007	3,192	18.9	18.8	9.6	9.3	276	228,614	6.14	2.23	40	0.2	3.6	2.9	2.2	3,402	2,920	6.02
Other farms	10,061	3,431	16.0	20.3	8.2	7.9	279	211,450	6.67	2.39	140	0.6	12.5	6.8	5.8	3,043	5,675	4.45

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Tennessee—Continued																		
Area 6	21,965	17,294	37.3	100.0	100.0	100.0	330	2,913,267	7.73	2.34	1,635	1.9	100.0	100.0	100.0	3,723	101,981	5.37
Commercial farms	12,720	11,287	39.9	65.3	84.4	84.2	331	2,473,421	7.80	2.36	1,284	2.0	78.5	83.2	84.5	3,665	84,201	5.25
Class I	44	34	61.3	0.2	2.7	1.7	539	87,585	13.88	2.58	7	3.2	0.4	1.2	1.7	2,544	1,250	3.82
Class II	134	129	47.6	0.7	4.1	3.6	377	121,745	9.07	2.40	36	3.4	2.2	5.1	5.1	3,726	4,285	4.44
Class III	680	660	49.6	3.8	12.3	12.8	317	373,694	7.74	2.44	152	3.5	9.3	19.1	17.8	3,976	17,766	5.25
Class IV	2,116	2,044	41.6	11.8	21.9	21.4	337	645,997	8.00	2.37	332	1.9	20.3	22.8	19.7	4,301	24,110	6.44
Class V	4,793	4,378	38.3	25.3	27.4	27.5	329	792,325	7.65	2.33	511	2.0	31.3	24.9	28.2	3,286	23,465	4.39
Class VI	4,953	4,042	33.4	23.4	15.9	17.2	305	452,075	6.98	2.29	246	1.2	15.0	10.2	12.0	3,177	13,325	5.87
Other farms	9,245	6,007	27.8	34.7	15.6	15.8	325	439,846	7.37	2.27	351	1.4	21.5	16.8	15.5	4,039	17,780	6.05
Area 7	8,136	6,371	35.4	100.0	100.0	100.0	376	1,008,841	9.53	2.54	633	2.7	100.0	100.0	100.0	4,469	48,373	6.08
Commercial farms	2,086	1,883	40.5	29.6	67.0	68.5	368	696,887	9.61	2.61	362	2.9	57.2	69.2	64.8	4,772	33,088	6.42
Class I	20	20	61.3	0.3	9.2	6.4	539	129,425	19.09	3.54	5	0.5	0.8	0.6	0.6	4,000	350	7.00
Class II	68	52	41.7	0.8	5.0	5.6	331	47,693	7.98	2.41	17	2.4	2.7	8.4	4.2	8,787	3,279	9.70
Class III	181	165	39.6	2.6	10.9	10.9	376	109,946	9.51	2.53	62	4.5	9.8	13.1	16.5	3,556	6,244	4.76
Class IV	320	320	44.8	5.0	14.0	15.7	334	140,197	8.42	2.52	83	2.8	13.1	12.9	13.1	4,407	5,995	5.78
Class V	598	552	36.1	8.7	15.6	16.5	354	151,989	8.70	2.46	105	3.2	16.6	25.7	19.7	5,847	12,505	7.99
Class VI	899	774	36.2	12.1	12.4	13.3	351	117,637	8.36	2.38	90	2.2	14.2	8.5	10.7	3,565	4,715	5.55
Other farms	6,050	4,488	27.9	70.4	33.0	31.5	393	311,954	9.34	2.38	271	2.3	42.8	30.8	35.2	3,911	15,285	5.46
Areas 8a, C, and D	26,613	18,954	32.6	100.0	100.0	100.0	371	2,701,240	8.24	2.22	1,903	2.4	100.0	100.0	100.0	3,403	120,865	5.08
Commercial farms	10,185	9,334	37.2	49.2	76.4	78.4	362	2,077,965	8.09	2.24	1,257	2.7	66.1	79.0	78.5	3,425	94,875	5.08
Class I	85	80	58.8	0.4	5.2	4.9	386	134,965	8.33	2.16	25	4.7	1.3	60.0	5.4	3,754	7,771	6.01
Class II	395	360	44.3	1.9	9.4	10.0	351	272,335	8.35	2.38	113	3.5	5.9	13.6	10.7	4,308	16,698	6.55
Class III	741	686	44.2	3.6	11.7	12.7	342	325,928	7.86	2.30	158	4.9	8.3	13.0	19.2	2,300	16,835	3.69
Class IV	1,337	1,261	40.3	6.7	14.6	15.5	350	390,837	7.69	2.20	225	2.2	11.8	12.7	11.7	3,702	14,965	5.37
Class V	3,091	2,851	34.2	15.0	20.6	19.9	383	556,365	8.53	2.23	461	2.3	24.2	21.1	18.1	3,962	24,316	5.64
Class VI	4,536	4,096	28.4	21.6	15.0	15.4	361	397,535	7.89	2.18	275	1.8	14.5	12.6	13.3	3,227	14,290	4.51
Other farms	16,428	9,620	22.5	50.8	23.6	21.6	404	623,275	8.79	2.18	646	1.6	33.9	21.0	21.5	3,320	25,990	5.08
Area 8b	34,688	28,198	34.2	100.0	100.0	100.0	431	3,509,599	9.91	2.30	1,884	1.7	100.0	100.0	100.0	3,566	95,833	5.51
Commercial farms	20,229	18,136	36.1	64.3	84.2	85.8	424	2,951,679	9.72	2.29	1,534	1.8	81.4	88.1	85.7	3,663	83,618	5.61
Class I	52	48	50.3	0.2	2.7	3.4	336	95,255	7.89	2.35	19	1.6	1.0	1.8	2.2	2,865	2,423	6.28
Class II	237	232	39.7	0.8	3.9	4.4	386	147,545	9.43	2.44	40	2.4	2.1	5.4	5.3	3,613	5,260	5.66
Class III	763	737	43.0	2.6	10.0	10.7	406	355,910	9.43	2.32	138	2.5	7.3	14.3	12.7	4,037	10,860	4.93
Class IV	3,089	2,934	40.4	10.4	22.3	23.9	403	778,479	9.21	2.28	431	2.2	22.9	25.7	26.3	3,490	24,195	5.29
Class V	7,915	7,193	34.7	25.5	31.1	30.0	446	1,092,380	10.26	2.30	615	1.6	32.6	27.9	28.0	3,548	27,960	5.74
Class VI	8,173	6,992	27.1	24.8	14.2	13.4	460	482,110	10.18	2.21	291	1.1	15.4	12.9	11.2	4,113	12,920	6.63
Other farms	14,459	10,062	25.8	35.7	15.8	14.2	478	557,920	11.06	2.32	350	1.3	18.6	11.9	14.3	2,982	12,215	4.92
Texas, total	293,152	91,097	11.2	100.0	100.0	100.0	215	30,821,365	6.75	3.14	1,590	0.1	100.0	100.0	100.0	1,806	232,413	4.83
Commercial farms	182,391	63,215	11.2	69.4	90.8	91.9	213	28,593,660	6.82	3.21	1,236	0.1	77.7	89.5	89.0	1,818	209,048	4.88
Class I	13,198	5,842	14.4	6.4	35.1	32.7	230	13,274,471	8.89	3.86	76	0.1	4.8	19.2	17.2	2,015	49,326	5.96
Class II	25,688	8,061	8.2	8.8	14.8	16.0	199	4,779,568	6.54	3.29	231	0.1	14.5	20.4	18.0	2,042	50,837	5.86
Class III	31,406	10,471	9.0	11.5	12.6	13.8	196	3,504,842	5.55	2.84	215	0.1	13.5	12.0	11.5	1,889	24,809	4.49
Class IV	40,154	12,940	10.4	14.2	12.2	13.2	199	3,154,912	5.25	2.63	304	0.2	19.1	20.3	19.4	1,894	42,074	4.52
Class V	42,846	14,790	13.0	16.2	10.8	11.0	212	2,615,333	5.21	2.46	307	0.2	19.3	14.9	18.0	1,497	36,048	4.16
Class VI	29,099	11,111	15.4	12.2	5.3	5.2	221	1,264,534	5.35	2.42	103	0.2	6.5	2.7	4.9	1,008	5,954	2.52
Other farms	110,761	27,882	11.9	30.6	9.2	8.1	244	2,227,705	6.03	2.47	354	0.2	22.3	10.5	11.0	1,709	23,365	4.40
Areas 1a and A	2,040	863	33.0	100.0	100.0	100.0	308	2,311,355	15.19	4.93	6	0.1	100.0	100.0	100.0	3,931	5,400	9.31
Commercial farms	1,637	843	33.8	97.7	99.8	99.7	308	2,307,190	15.21	4.93	6	0.1	100.0	100.0	100.0	3,931	5,400	9.31
Class I	594	412	34.9	47.7	87.0	84.4	317	1,996,929	15.54	4.90	1	0.1	16.7	12.3	48.3	1,000	400	1.43
Class II	406	223	34.1	25.8	9.3	10.3	278	235,428	15.05	5.42	5	0.7	83.3	87.7	51.7	6,667	5,000	16.67
Class III	235	113	22.2	13.1	2.2	2.9	235	43,103	9.89	4.20	...	...	...	...	...	...	...	...
Class IV	189	72	21.1	8.3	0.7	1.2	185	21,110	11.54	6.25	...	...	...	...	...	...	...	...
Class V	126	17	19.5	2.0	0.6	0.8	222	9,970	7.95	3.59	...	...	...	...	...	...	...	...
Class VI	87	6	13.6	0.7	(Z)	0.1	111	650	6.02	5.42	...	...	...	...	...	...	...	...
Other farms	403	20	4.3	2.3	0.2	0.3	202	4,165	8.41	4.16	...	...	...	...	...	...	...	...
Area 1b	3,333	186	1.2	100.0	100.0	100.0	192	71,563	5.86	3.05	1	(Z)	100.0	100.0	100.0	2,000	750	6.00
Commercial farms	2,714	156	1.2	83.9	92.8	96.6	184	67,548	5.72	3.10	1	(Z)	100.0	100.0	100.0	2,000	750	6.00
Class I	342	27	1.8	14.5	52.6	50.6	199	39,674	6.42	3.22	1	(Z)	100.0	100.0	100.0	2,000	750	6.00
Class II	744	41	0.6	22.0	17.1	17.3	189	13,024	6.17	3.26	...	...	...	...	...	...	...	...
Class III	640	22	0.4	11.8	6.7	6.6	194	5,102	6.33	3.27	...	...	...	...	...	...	...	...
Class IV	490	38	1.3	20.4	9.8	10.5	180	5,573	4.35	2.42	...	...	...	...	...	...	...	...
Class V	389	23	1.8	12.4	5.9	5.5	205	3,410	5.07	2.47	...	...	...	...	...	...	...	...
Class VI	109	5	6.2	2.7	0.9	6.1	27	765	1.02	3.82	...	...	...	...	...	...	...	...
Other farms	619	30	2.5	16.1	7.2	3.4	400	4,015	9.56	2.39	...	...	...	...	...	...	...	...
Area 2	11,834	1,805	5.0	100.0	100.0	100.0	153	365,519	4.88	3.19	6	(Z)	100.0	100.0	100.0	196	315	1.24
Commercial farms	8,341	1,558	5.2	86.3	92.5	93.4	151	338,190	4.83	3.19	6	(Z)	100.0	100.0	100.0	196	315	1.24
Class I	272	48	4.5	2.7	8.8	7.3	184	32,735	5.98	3.25	...	...	...	...	...	...	...	...
Class II	836	161	4.1	8.9	17.6	15.8	170	61,943	5.22	3.08	...	...	...	...	...	...	...	...
Class III	1,662	381	5.1	21.1	22.1	23.5	144	83,532	4.74	3.30	5	(Z)	83.3	20.0	2.0	2,000	115	23.00
Class IV	2,341	524	6.8	29.0	26.3	29.9	134	97,176	4.34	3.23	1	0.1	16.7	80.0	98.0	160	200	0.80
Class V	2,110	332	4.6	18.4	13.8	12.6	167	48,684	5.16	3.09	...	...	...	...	...	...	...	...
Class VI	1,120	112	4.7	6.2	3.9	4.3	142	14,120	4.42	3.12	...	...	...	...	...	...	...	...
Other farms	3,493	247	3.9	13.7	7.5	6.6	173	27,329	5.51	3.18	...	...	...	...	...	...	...	...
Area 3	4,156	780	10.6	100.0	100.0	100.0	276	803,198	8.86	3.20	...	...	...	...	...	...	...	...
Commercial farms	2,615	663	11.2	85.0	97.9	97.1	279	788,209	8.95	3.21	...	...	...	...	...	...	...	..
Class I	299	144	15.0	18.5	75.1	58.1	358	599,403	11.38	3.18	...	...	...	...	...	...	...	...
Class II	273	103	9.1	13.2	7.5	11.0	189	62,401	6.27	3.33	...	...	...	...	...	...	...	...
Class III	435	146	7.9	18.7	6.4	11.4	156	51,717	5.01	3.21	...	...	...	...	...	...	...	...
Class IV	492	129	8.1	16.5	4.0	8.7	127	33,059	4.21	3.32	...	...	...	...	...	...	...	...
Class V	665	83	7.2	10.6	3.9	5.5	196	32,437	6.54	3.34	...	...	...	...	...	...	...	...
Class VI	451	58	7.3	7.4	1.0	2.5	106	9,192	3.99	3.77	...	...	...	...	...	...	...	...
Other farms	1,541	117	3.8	15.0	2.1	2.9	202	14,989	5.70	2.82	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime						
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Texas—Continued																		
Area 4	12,202	2,281	5.0	100.0	100.0	100.0	164	2,084,644	6.78	4.15	6	(Z)	100.0	100.0	100.0	3,273	1,380	6.27
Commercial farms	11,042	2,281	5.0	100.0	100.0	100.0	164	2,084,644	6.78	4.15	6	(Z)	100.0	100.0	100.0	3,273	1,380	6.27
Class I	3,057	1,151	7.7	50.5	72.9	68.2	175	1,486,321	7.09	4.05	...	...	...	...	...	...	...	...
Class II	3,680	790	4.0	34.6	22.0	24.7	146	500,429	6.59	4.51	6	(Z)	100.0	100.0	100.0	3,273	1,380	6.27
Class III	2,039	210	1.5	9.2	3.5	4.8	121	66,928	4.58	3.79	...	...	...	...	...	...	...	...
Class IV	1,367	81	0.9	3.6	1.0	1.2	133	18,171	4.83	3.63	...	...	...	...	...	...	...	...
Class V	666	49	2.1	2.1	0.5	1.1	77	12,795	3.86	5.04	...	...	...	...	...	...	...	...
Class VI	233	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other farms	1,160	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 5	12,991	1,457	2.5	100.0	100.0	100.0	277	1,046,616	9.39	3.39	6	(Z)	100.0	100.0	100.0	2,000	300	6.00
Commercial farms	11,967	1,421	2.6	97.5	99.8	99.8	277	1,044,656	9.39	3.39	6	(Z)	100.0	100.0	100.0	2,000	300	6.00
Class I	2,897	686	4.1	47.1	75.0	69.7	298	771,753	9.94	3.34	1	(Z)	16.7	80.0	80.0	2,000	270	6.75
Class II	4,820	537	1.8	36.9	20.3	26.0	216	229,758	7.93	3.67	5	(Z)	83.3	20.0	20.0	2,000	30	3.00
Class III	2,084	120	0.7	8.2	3.5	3.1	314	32,870	9.56	3.04	...	...	...	...	...	...	...	...
Class IV	1,248	41	0.3	2.8	0.7	0.7	272	7,135	9.51	3.50	...	...	...	...	...	...	...	...
Class V	732	27	0.3	1.9	0.3	0.3	239	2,660	6.91	2.89	...	...	...	...	...	...	...	...
Class VI	186	10	0.3	0.7	0.1	(Z)	571	480	13.71	2.40	...	...	...	...	...	...	...	...
Other farms	1,024	36	0.4	2.5	0.2	0.2	286	1,960	9.33	3.27	...	...	...	...	...	...	...	...
Area 6a	23,042	1,446	2.0	100.0	100.0	100.0	121	395,850	3.63	3.00	...	...	...	...	...	...	...	...
Commercial farms	18,775	1,340	2.0	92.7	97.5	98.0	120	386,340	3.62	3.00	...	...	...	...	...	...	...	...
Class I	570	96	1.7	6.6	16.3	10.9	181	67,659	5.69	3.15	...	...	...	...	...	...	...	...
Class II	2,893	278	2.5	19.2	28.6	30.9	112	111,733	3.32	2.96	...	...	...	...	...	...	...	...
Class III	4,969	443	2.4	30.6	27.1	32.1	102	107,469	3.07	3.01	...	...	...	...	...	...	...	...
Class IV	5,553	312	1.5	21.6	17.8	14.6	147	67,364	4.22	2.86	...	...	...	...	...	...	...	...
Class V	3,537	166	1.8	11.5	5.9	8.0	90	23,135	2.67	2.97	...	...	...	...	...	...	...	...
Class VI	1,253	45	1.5	3.1	1.8	1.5	140	8,980	5.33	3.81	...	...	...	...	...	...	...	...
Other farms	4,267	106	1.1	7.3	2.5	2.0	151	9,510	4.43	2.94	...	...	...	...	...	...	...	...
Area 6b	4,580	559	3.9	100.0	100.0	100.0	151	137,720	4.08	2.70	1	0.1	100.0	100.0	100.0	2,143	2,587	3.70
Commercial farms	3,198	479	3.9	85.7	92.4	94.1	148	124,520	3.92	2.65	1	0.1	100.0	100.0	100.0	2,143	2,587	3.70
Class I	98	20	4.3	3.6	24.2	27.3	134	42,113	4.57	3.41	1	0.3	100.0	100.0	100.0	2,143	2,587	3.70
Class II	358	87	4.9	15.6	23.8	22.9	157	26,504	3.43	2.19	...	...	...	...	...	...	...	...
Class III	568	114	3.9	20.4	21.0	19.3	164	25,357	3.89	2.37	...	...	...	...	...	...	...	...
Class IV	765	80	2.3	14.3	8.0	9.8	123	11,640	3.54	2.87	...	...	...	...	...	...	...	...
Class V	993	108	3.4	19.3	10.0	10.3	146	11,746	3.37	2.31	...	...	...	...	...	...	...	...
Class VI	416	70	5.7	12.5	5.4	4.4	185	7,160	4.81	2.59	...	...	...	...	...	...	...	...
Other farms	1,382	80	3.6	14.3	7.6	5.9	194	13,200	6.60	3.40	...	...	...	...	...	...	...	...
Area 7a	14,199	4,493	19.8	100.0	100.0	100.0	139	863,870	3.57	2.57	35	0.1	100.0	100.0	100.0	1,226	2,260	3.65
Commercial farms	7,924	3,537	21.8	78.7	90.4	91.0	138	781,990	3.55	2.57	25	(Z)	71.4	42.1	70.2	736	1,010	2.32
Class I	148	70	10.6	1.6	3.3	3.3	140	35,247	4.47	3.20	...	...	...	...	...	...	...	...
Class II	633	313	15.6	7.0	9.5	10.0	133	83,141	3.44	2.59	5	0.1	14.3	2.6	20.2	160	150	1.20
Class III	1,290	636	25.0	14.2	21.7	21.6	140	198,619	3.79	2.72	...	...	...	...	...	...	...	...
Class IV	1,583	801	24.7	17.8	24.2	23.8	142	200,027	3.47	2.45	10	0.1	28.6	34.2	24.2	1,733	505	3.37
Class V	2,478	1,092	23.5	24.3	21.2	22.5	131	180,556	3.31	2.53	10	0.1	28.6	5.3	25.8	250	355	2.22
Class VI	1,792	625	22.5	13.9	10.4	9.9	147	84,400	3.54	2.40	...	...	...	...	...	...	...	...
Other farms	6,275	956	10.1	21.3	9.6	9.0	149	81,880	3.76	2.52	10	0.1	28.6	57.9	29.8	2,378	1,250	6.76
Areas 7b and B	9,411	2,372	10.8	100.0	100.0	100.0	169	432,698	4.83	2.85	31	0.1	100.0	100.0	100.0	1,704	2,665	4.81
Commercial farms	4,953	1,626	10.7	68.5	87.8	88.5	168	384,967	4.85	2.89	31	0.1	100.0	100.0	100.0	1,704	2,665	4.81
Class I	160	79	12.1	3.3	11.6	10.8	182	45,011	4.65	2.56	...	...	...	...	...	...	...	...
Class II	790	346	12.5	14.6	26.8	28.9	157	129,774	5.01	3.19	6	(Z)	19.4	13.1	17.0	1,319	220	2.34
Class III	972	343	9.1	14.5	17.9	17.0	177	76,305	5.00	2.82	10	0.1	32.3	18.0	19.9	1,545	380	3.45
Class IV	1,126	367	10.4	15.5	15.8	17.3	155	72,422	4.66	3.01	5	0.1	16.1	53.0	27.1	3,333	1,500	10.00
Class V	1,262	351	9.9	14.8	11.4	11.4	169	44,500	4.35	2.57	5	0.1	16.1	14.8	27.1	933	540	3.60
Class VI	643	140	8.5	5.9	4.3	3.0	244	16,955	6.33	2.59	5	0.2	16.1	1.1	9.0	200	25	0.50
Other farms	4,458	746	11.0	31.5	12.2	11.5	180	47,731	4.62	2.57	...	...	...	...	...	...	...	...
Area 7c	7,203	832	4.3	100.0	100.0	100.0	127	125,238	3.85	3.02	15	(Z)	100.0	100.0	100.0	684	760	4.00
Commercial farms	5,228	730	4.4	87.7	90.7	92.9	124	116,081	3.84	3.09	5	(Z)	33.3	15.4	39.5	267	225	3.00
Class I	56	19	3.1	2.3	5.3	4.5	150	7,785	5.34	3.57	...	...	...	...	...	...	...	...
Class II	293	111	8.3	13.3	23.1	21.8	135	33,859	4.78	3.53	...	...	...	...	...	...	...	...
Class III	602	123	4.6	14.8	16.4	16.8	125	21,011	3.84	3.08	...	...	...	...	...	...	...	...
Class IV	1,442	234	4.8	28.1	24.7	30.1	104	31,998	3.26	3.12	...	...	...	...	...	...	...	...
Class V	1,834	163	2.3	19.6	13.9	12.1	146	12,858	3.27	2.23	...	...	...	...	...	...	...	...
Class VI	1,001	80	3.9	9.6	7.3	7.7	121	8,570	3.42	2.82	5	0.1	33.3	15.4	39.5	267	225	3.00
Other farms	1,975	102	3.2	12.3	9.3	7.1	167	9,157	3.99	2.38	10	0.2	66.7	84.6	60.5	957	535	4.65
Areas 8, C, D, and E	48,021	11,098	9.3	100.0	100.0	100.0	189	2,434,496	4.92	2.61	208	0.1	100.0	100.0	100.0	1,210	21,264	3.49
Commercial farms	33,156	9,369	9.5	84.4	93.3	94.4	187	2,291,227	4.91	2.63	173	0.1	83.2	97.6	95.6	1,235	20,554	3.53
Class I	481	243	13.0	2.2	10.0	10.4	183	306,775	5.98	3.27	8	0.1	3.8	4.9	6.9	857	1,305	3.11
Class II	2,645	1,036	9.9	9.3	16.4	19.0	163	423,876	4.51	2.76	40	0.2	19.2	22.1	24.9	1,071	6,890	4.53
Class III	6,077	2,223	9.4	20.0	25.6	24.6	196	634,608	5.22	2.66	37	0.1	17.8	23.2	18.6	1,508	3,764	3.32
Class IV	9,726	2,657	8.5	23.9	21.5	21.5	189	514,648	4.84	2.56	47	0.1	22.6	37.3	24.4	1,846	5,955	4.00
Class V	9,634	2,273	9.1	20.5	15.3	14.6	198	315,079	4.35	2.20	30	0.1	14.4	7.5	11.6	775	1,615	2.27
Class VI	4,593	937	9.5	8.4	4.5	4.3	198	96,241	4.57	2.31	11	0.2	5.3	2.7	9.1	360	1,025	1.85
Other farms	14,865	1,729	7.2	15.6	6.7	5.6	224	143,269	5.14	2.29	35	0.1	16.8	2.4	4.4	667	710	2.63
Area 9	13,921	6,785	26.3	100.0	100.0	100.0	215	1,692,136	5.64	2.62	86	0.4	100.0	100.0	100.0	1,176	13,057	2.64
Commercial farms	7,641	4,686	27.2	69.1	87.8	87.9	215	1,500,278	5.68	2.65	71	0.5	82.6	97.1	97.0	1,178	12,542	2.62
Class I	174	131	21.6	1.9	11.1	12.0	199	212,514	5.90	2.97	9	0.2	10.5	15.5	8.0	2,278	2,445	6.19
Class II	430	310	27.2	4.6	14.7	13.9	227	262,020	6.29	2.77	21	0.7	24.4	38.8	23.0	1,984	4,588	4.04
Class III	727	496	29.6	7.3	15.0	14.1	229	254,115	6.01	2.63	4	0.4	4.7	20.9	12.4	1,987	2,265	3.71
Class IV	1,599	1,068	30.2	15.7	20.4	19.9	220	346,055	5.78	2.62	14	0.1	16.3	6.4	4.3	1,762	869	4.14
Class V	2,519	1,609	30.2	23.7	19.4	20.4	204	311,115	5.07	2.49	18	1.2	20.9	14.7	48.3	358	2,240	0.94
Class VI	2,192	1,072	21.7	15.8	7.2	7.6	205	114,459	5.02	2.45	5	(Z)	5.8	0.9	1.0	1,000	135	2.70
Other farms	6,280	2,099	20.9	30.9	12.2	12.1	216	191,858	5.29	2.45	15	0.1	17.4	2.9	3.0	1,133	515	3.43

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Texas—Continued																		
Area 10	15,413	5,478	18.2	100.0	100.0	100.0	203	890,573	5.18	2.56	37	(Z)	100.0	100.0	100.0	937	1,492	3.78
Commercial farms	10,561	4,615	19.1	84.2	92.5	93.4	201	829,989	5.17	2.58	37	(Z)	100.0	100.0	100.0	937	1,492	3.78
Class I	156	68	31.2	1.2	8.2	8.5	195	96,326	6.58	3.37	...	...	...	...	...	...	...	...
Class II	570	280	22.8	5.1	14.2	13.6	212	137,547	5.88	2.78	...	...	...	...	...	...	...	...
Class III	945	531	23.7	9.7	17.7	19.9	180	185,827	5.43	3.02	1	(Z)	2.7	18.9	8.9	2,000	122	3.49
Class IV	2,564	1,369	17.8	25.0	23.5	24.1	197	185,637	4.48	2.27	15	0.1	40.5	43.2	63.3	640	920	3.68
Class V	3,616	1,624	15.4	29.6	22.5	19.8	230	172,782	5.07	2.20	21	(Z)	56.8	37.8	27.8	1,273	450	4.09
Class VI	2,710	743	13.4	13.6	6.4	7.4	175	51,870	4.08	2.32	...	...	...	...	...	...	...	...
Other farms	4,852	863	11.3	15.8	7.5	6.6	230	60,584	5.33	2.32	...	...	...	...	...	...	...	...
Areas 11 and F	15,723	4,288	10.7	100.0	100.0	100.0	147	1,185,745	4.40	3.00	11	(Z)	100.0	100.0	100.0	959	227	1.88
Commercial farms	10,842	3,670	10.8	85.6	94.8	94.6	147	1,125,579	4.42	3.00	11	(Z)	100.0	100.0	100.0	959	227	1.88
Class I	915	239	6.0	5.6	19.3	17.1	166	283,678	6.16	3.72	1	(Z)	9.1	5.2	5.0	1,000	12	2.00
Class II	1,621	464	9.8	10.8	17.3	17.8	142	211,054	4.40	3.09	...	...	...	...	...	...	...	...
Class III	1,775	762	15.0	17.8	20.1	21.7	136	227,789	3.90	2.87	...	...	...	...	...	...	...	...
Class IV	2,414	999	16.5	23.3	21.9	21.8	148	224,853	3.83	2.59	10	(Z)	90.9	94.8	95.0	957	215	1.87
Class V	2,567	814	13.0	19.0	11.9	11.9	147	134,480	4.20	2.86	...	...	...	...	...	...	...	...
Class VI	1,550	392	10.9	9.1	4.4	4.2	151	43,725	3.83	2.54	...	...	...	...	...	...	...	...
Other farms	4,881	618	8.6	14.4	5.2	5.4	140	60,166	4.10	2.93	...	...	...	...	...	...	...	...
Area 12	49,123	28,291	27.9	100.0	100.0	100.0	268	5,191,088	6.45	2.40	687	0.7	100.0	100.0	100.0	2,008	113,583	5.38
Commercial farms	18,371	14,344	32.8	50.7	79.0	80.1	265	4,150,200	6.44	2.43	529	0.9	77.0	89.8	88.1	2,045	102,603	5.52
Class I	301	222	41.3	0.8	6.6	7.8	227	377,348	6.05	2.66	22	3.0	3.2	22.9	21.2	2,175	30,247	6.78
Class II	1,300	961	35.8	3.4	12.4	11.6	287	693,170	7.45	2.60	91	1.4	13.2	18.3	17.6	2,095	22,384	6.04
Class III	2,158	1,677	33.8	5.9	13.5	13.8	263	706,650	6.36	2.42	102	0.7	14.8	9.9	10.9	1,834	10,789	4.71
Class IV	2,739	2,232	30.9	7.9	15.3	15.6	263	803,770	6.42	2.44	117	1.0	17.0	19.6	19.3	2,043	19,231	4.73
Class V	5,051	4,003	32.3	14.1	18.6	18.3	272	934,847	6.33	2.33	131	0.6	19.1	14.5	12.5	2,335	15,858	6.01
Class VI	6,822	5,249	28.9	18.6	12.6	13.0	261	634,415	6.06	2.32	66	0.4	9.6	4.4	6.8	1,319	4,094	2.87
Other farms	30,752	13,947	17.5	49.3	21.0	19.9	284	1,040,888	6.50	2.29	158	0.3	23.0	10.2	11.9	1,730	10,980	4.38
Area 13	14,795	6,697	25.4	100.0	100.0	100.0	255	839,754	6.64	2.61	262	1.0	100.0	100.0	100.0	2,174	27,626	5.63
Commercial farms	3,830	2,509	28.5	37.5	70.2	72.0	249	602,220	6.62	2.66	171	1.1	65.3	69.4	70.1	2,152	19,486	5.67
Class I	60	45	25.8	0.7	4.6	5.1	231	37,046	5.78	2.50	3	0.4	1.1	6.1	2.2	5,909	910	8.27
Class II	283	181	29.4	2.7	11.3	11.7	247	113,929	7.72	3.12	24	1.2	9.2	11.4	12.3	2,000	4,225	6.98
Class III	508	323	26.8	4.8	11.4	10.8	268	99,668	7.27	2.72	30	1.6	11.5	17.4	16.4	2,316	5,074	6.32
Class IV	565	381	29.6	5.7	14.5	15.4	239	120,560	6.19	2.59	43	1.3	16.4	17.2	17.4	2,150	4,212	4.95
Class V	1,127	765	29.1	11.4	17.6	18.4	244	146,431	6.29	2.58	61	1.2	23.3	15.9	19.1	1,818	4,720	5.05
Class VI	1,287	814	27.9	12.2	10.9	10.6	262	84,586	6.32	2.42	10	0.3	3.8	1.4	2.8	1,111	345	2.56
Other farms	10,965	4,188	19.8	62.5	29.8	28.0	271	237,534	6.70	2.48	91	0.8	34.7	30.6	29.9	2,225	8,140	5.56
Areas 14, G, and H	23,386	7,841	31.3	100.0	100.0	100.0	219	7,209,788	8.29	3.78	171	0.2	100.0	100.0	100.0	1,892	32,057	5.15
Commercial farms	13,310	6,243	32.5	79.6	96.4	96.2	220	6,984,178	8.35	3.80	136	0.2	79.5	95.0	90.0	1,998	30,822	5.51
Class I	1,551	1,414	43.7	18.0	68.0	68.4	218	5,151,015	8.65	3.97	13	0.1	7.6	11.9	11.8	1,905	4,380	5.98
Class II	1,622	994	24.0	12.7	11.7	11.8	218	808,628	7.88	3.61	28	0.2	16.4	16.8	15.4	2,062	5,970	6.22
Class III	2,431	1,146	20.4	14.6	7.0	7.0	220	476,607	7.82	3.55	21	0.2	12.3	8.8	7.7	2,167	1,630	3.40
Class IV	2,880	1,120	17.3	14.3	5.2	4.8	239	303,424	7.29	3.05	42	0.7	24.6	28.2	28.7	1,860	8,467	4.74
Class V	2,613	966	16.9	12.3	3.1	3.0	228	177,553	6.77	2.97	31	1.0	18.1	28.6	25.2	2,153	10,270	6.56
Class VI	2,213	603	11.8	7.7	1.3	1.2	238	66,951	6.55	2.76	1	0.1	0.6	0.6	1.1	986	105	1.48
Other farms	10,076	1,598	16.1	20.4	3.6	3.8	208	225,610	6.79	3.27	35	0.3	20.5	5.0	10.0	944	1,235	1.98
Area 15	7,779	3,545	24.0	100.0	100.0	100.0	265	2,739,514	10.08	3.81	21	0.1	100.0	100.0	100.0	1,610	6,690	6.37
Commercial farms	6,286	3,145	24.2	88.7	98.0	98.7	263	2,685,654	10.01	3.81	21	0.1	100.0	100.0	100.0	1,610	6,690	6.37
Class I	1,067	728	26.5	20.5	60.7	59.5	270	1,685,139	10.43	3.86	16	0.2	76.2	91.1	95.2	1,540	6,020	6.02
Class II	1,491	845	25.1	23.8	23.2	25.8	238	641,350	9.14	3.84	...	...	...	...	...	...	...	...
Class III	1,289	662	18.3	18.7	8.4	8.7	256	207,565	8.80	3.43	5	(Z)	23.8	8.9	4.8	3,000	670	13.40
Class IV	1,071	435	15.0	12.3	3.4	2.8	323	90,290	11.88	3.68	...	...	...	...	...	...	...	...
Class V	927	325	13.6	9.2	1.5	1.5	277	40,295	10.16	3.66	...	...	...	...	...	...	...	...
Class VI	441	150	14.4	4.2	0.8	0.5	416	21,015	15.23	3.66	...	...	...	...	...	...	...	...
Other farms	1,493	400	13.4	11.3	2.0	1.3	416	53,860	15.66	3.76	...	...	...	...	...	...	...	...
Utah, total	23,008	6,530	7.1	100.0	100.0	100.0	257	1,565,902	9.40	3.65	41	(Z)	100.0	100.0	100.0	1,049	773	2.01
Commercial farms	15,115	5,650	7.4	86.5	96.5	96.3	258	1,514,992	9.45	3.66	41	(Z)	100.0	100.0	100.0	1,049	773	2.01
Class I	841	387	8.4	5.9	23.5	20.4	296	376,690	11.07	3.73	6	(Z)	14.6	5.9	18.2	343	43	0.61
Class II	2,296	1,133	8.5	17.4	29.0	30.1	248	476,306	9.51	3.84	...	...	...	...	...	...	...	...
Class III	3,493	1,590	7.7	24.3	22.3	23.6	243	343,276	8.73	3.59	10	(Z)	24.4	12.4	28.6	455	285	2.59
Class IV	4,065	1,483	5.9	22.7	14.0	14.3	251	206,075	8.63	3.43	10	(Z)	24.4	69.3	33.8	2,154	365	2.81
Class V	3,390	920	5.5	14.1	6.9	7.1	251	102,344	8.71	3.46	10	(Z)	24.4	5.0	10.4	500	50	1.25
Class VI	1,030	137	3.1	2.1	0.7	0.8	238	10,301	7.96	3.34	5	0.1	12.2	7.4	9.1	857	30	0.86
Other farms	7,893	880	3.5	13.5	3.5	3.7	244	50,910	8.23	3.38	...	...	...	...	...	...	...	...
Area 1	7,474	2,204	6.9	100.0	100.0	100.0	219	578,225	8.52	3.89	11	(Z)	100.0	100.0	100.0	1,588	333	2.08
Commercial farms	5,696	2,094	7.1	95.0	98.5	98.6	219	569,955	8.52	3.89	11	(Z)	100.0	100.0	100.0	1,588	333	2.08
Class I	357	142	5.9	6.4	19.7	17.7	244	110,704	9.23	3.78	1	(Z)	9.1	1.6	12.5	200	3	0.15
Class II	983	504	8.9	22.9	32.8	34.1	211	188,854	8.17	3.87	...	...	...	...	...	...	...	...
Class III	1,360	632	8.4	28.7	25.5	28.3	198	153,267	7.99	4.04	...	...	...	...	...	...	...	...
Class IV	1,615	551	5.6	25.0	14.0	12.7	241	80,645	9.33	3.88	5	0.1	45.5	94.5	68.8	2,182	300	2.73
Class V	1,118	230	4.8	10.4	6.1	5.4	247	34,050	9.22	3.73	5	(Z)	45.5	3.9	18.8	333	30	1.00
Class VI	263	35	2.3	1.6	0.4	0.4	233	2,435	8.85	3.80	...	...	...	...	...	...	...	...
Other farms	1,778	110	2.4	5.0	1.5	1.4	238	8,270	8.94	3.76	...	...	...	...	...	...	...	...
Areas 2 and A	8,162	2,678	14.4	100.0	100.0	100.0	304	587,736	10.95	3.60	25	(Z)	100.0	100.0	100.0	759	255	1.76
Commercial farms	4,501	2,154	15.3	80.4	95.2	94.4	307	562,692	11.11	3.62	25	(Z)	100.0	100.0	100.0	759	255	1.76
Class I	280	167	17.1	6.2	26.0	24.3	326	158,164	12.14	3.73	5	0.1	20.0	18.2	34.5	400	40	0.80
Class II	602	346	16.0	12.9	27.7	27.9	302	178,053	11.90	3.94	...	...	...	...	...	...	...	...
Class III	1,111	586	14.0	21.9	19.8	18.9	319	115,795	11.42	3.58	5	(Z)	20.0	9.1	20.7	333	100	3.33
Class IV	1,071	540	14.7	20.2	12.7	13.4	290	63,735	8.88	3.06	5	(Z)	20.0	36.4	13.8	2,000	65	3.25
Class V	1,070	455	14.4	17.0	8.3	9.1	278	43,950	9.02	3.24	5	(Z)	20.0	9.1	6.9	1,000	20	2.00
Class VI	367	60	6.1	2.2	0.7	0.9	218	2,995	6.05	2.77	5	0.4	20.0	27.3	24.1	857	30	0.86
Other farms	3,661	524	7.5	19.6	4.8	5.6	258	25,044	8.28	3.21	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Utah—Continued																		
Area 3	7,372	1,648	4.6	100.0	100.0	100.0	259	399,941	8.88	3.43	5	(Z)	100.0	100.0	100.0	500	185	2.31
Commercial farms	4,918	1,402	4.8	85.1	95.6	95.0	260	382,345	8.94	3.43	5	(Z)	100.0	100.0	100.0	500	185	2.31
Class I	204	78	7.2	4.7	25.0	20.0	323	107,822	11.96	3.70	...	...	...	...	...	...	...	...
Class II	711	283	5.2	17.2	25.9	26.7	251	109,399	9.11	3.62	...	...	...	...	...	...	...	...
Class III	1,022	372	4.8	22.6	21.9	22.2	255	74,214	7.42	2.91	5	(Z)	100.0	100.0	100.0	500	185	2.31
Class IV	1,379	392	4.1	23.8	15.8	17.9	229	61,695	7.66	3.35	...	...	...	...	...	...	...	...
Class V	1,202	235	3.1	14.3	5.9	7.1	215	24,344	7.65	3.56	...	...	...	...	...	...	...	...
Class VI	400	42	2.4	2.5	1.2	1.2	260	4,871	9.30	3.58	...	...	...	...	...	...	...	...
Other farms	2,454	246	2.3	14.9	4.4	5.0	227	17,596	7.86	3.46	...	...	...	...	...	...	...	...
Vermont, total	15,999	8,264	18.9	100.0	100.0	100.0	432	2,202,296	10.41	2.41	4,433	5.1	100.0	100.0	100.0	2,324	312,879	5.44
Commercial farms	11,896	7,498	19.7	90.7	96.8	97.0	431	2,129,877	10.38	2.41	4,114	5.3	92.8	96.2	95.8	2,334	298,552	5.42
Class I	379	312	39.3	3.8	17.8	15.4	499	415,948	12.75	2.55	178	7.8	4.0	10.9	11.3	2,254	39,476	6.08
Class II	2,011	1,765	26.7	21.4	36.2	36.1	433	788,667	10.31	2.38	1,073	6.1	24.2	32.8	30.5	2,503	106,336	6.06
Class III	4,042	2,957	18.5	35.8	29.6	31.8	401	645,268	9.58	2.39	1,644	5.3	37.1	32.6	33.6	2,256	93,161	4.82
Class IV	2,951	1,595	10.2	19.3	8.9	9.3	413	191,090	9.71	2.35	816	3.9	18.4	12.5	13.1	2,220	36,564	4.86
Class V	1,921	713	9.0	8.6	3.8	3.8	429	77,454	9.67	2.25	337	4.2	7.6	6.6	6.5	2,373	18,521	4.97
Class VI	592	156	4.9	1.9	0.5	0.5	453	11,450	10.41	2.30	66	2.2	1.5	0.7	0.8	1,881	4,494	9.21
Other farms	4,103	766	8.2	9.3	3.2	3.0	456	72,419	11.37	2.49	319	3.2	7.2	3.8	4.2	2,102	14,327	5.86
Area 1	6,091	3,528	18.9	100.0	100.0	100.0	413	1,002,399	9.81	2.38	1,912	5.0	100.0	100.0	100.0	2,172	124,311	4.56
Commercial farms	5,181	3,403	18.9	96.5	96.8	97.3	410	967,314	9.73	2.37	1,852	5.1	96.9	99.0	99.0	2,174	123,146	4.57
Class I	154	134	32.4	3.8	16.3	14.2	474	175,966	12.14	2.56	62	7.0	3.2	8.2	11.5	1,555	13,300	4.25
Class II	1,020	919	23.5	26.0	39.8	40.4	407	383,638	9.29	2.29	547	5.7	28.6	38.8	36.5	2,309	49,404	4.97
Class III	2,002	1,463	17.1	41.5	29.9	31.5	391	304,270	9.45	2.42	823	5.3	43.0	39.2	36.8	2,317	44,957	4.48
Class IV	1,254	672	11.2	19.0	8.9	9.4	391	88,040	9.20	2.35	335	3.8	17.5	10.1	11.8	1,863	12,375	3.84
Class V	591	180	6.0	5.1	1.6	1.5	448	12,425	8.12	1.81	65	1.9	3.4	2.3	1.8	2,808	2,660	5.37
Class VI	160	35	5.2	1.0	0.3	0.3	400	2,975	9.30	2.32	20	2.3	1.0	0.3	0.5	1,103	450	3.10
Other farms	910	125	18.7	3.5	3.2	2.7	491	35,085	12.78	2.60	60	2.0	3.1	1.0	1.1	2,000	1,165	3.88
Area 2	9,908	4,736	19.0	100.0	100.0	100.0	449	1,199,897	10.96	2.44	2,521	5.2	100.0	100.0	100.0	2,461	188,568	6.23
Commercial farms	6,715	4,095	20.6	86.5	96.8	96.7	450	1,162,563	10.98	2.44	2,262	5.5	89.7	93.9	92.9	2,488	175,406	6.23
Class I	225	178	47.4	3.8	19.1	16.6	520	239,982	13.24	2.55	116	8.8	4.6	13.1	11.1	2,905	26,176	7.79
Class II	991	846	31.6	17.9	33.1	32.1	463	405,029	11.51	2.49	526	6.8	20.9	28.1	25.1	2,756	56,932	7.49
Class III	2,040	1,494	19.9	31.5	29.3	32.1	410	340,998	9.69	2.37	821	5.3	32.6	27.4	30.7	2,191	48,204	5.18
Class IV	1,697	923	9.3	19.5	8.9	9.2	433	103,050	10.19	2.35	481	4.0	19.1	14.3	14.2	2,488	24,189	5.63
Class V	1,330	533	10.3	11.3	5.6	5.9	425	65,029	10.03	2.36	272	5.1	10.8	10.0	10.7	2,307	15,861	4.91
Class VI	432	121	4.8	2.6	0.8	0.7	474	8,475	10.87	2.29	46	2.1	1.8	1.0	1.1	2,210	4,044	11.79
Other farms	3,193	641	5.8	13.5	3.2	3.3	430	37,334	10.30	2.40	259	3.4	10.3	6.1	7.1	2,117	13,162	6.14
Virginia, total	136,370	98,718	42.4	100.0	100.0	100.0	544	29,099,449	12.32	2.27	18,765	6.0	100.0	100.0	100.0	2,726	2,105,847	6.34
Commercial farms	71,401	63,274	45.7	64.1	90.5	89.0	553	26,399,651	12.56	2.27	14,082	6.3	75.0	87.2	87.3	2,725	1,849,893	6.38
Class I	1,893	1,584	55.4	1.6	15.9	13.6	634	4,490,907	13.95	2.20	771	10.1	4.1	18.8	17.7	2,895	376,786	6.42
Class II	4,500	4,057	51.9	4.1	18.2	17.1	581	5,161,964	12.81	2.21	1,833	7.3	9.8	17.7	17.0	2,829	371,803	6.57
Class III	7,752	6,965	50.0	7.1	16.9	16.9	543	4,917,972	12.33	2.27	2,356	6.6	12.6	15.7	15.9	2,687	350,492	6.64
Class IV	16,482	15,219	43.6	15.4	19.2	19.6	535	5,696,299	12.33	2.31	3,801	5.5	20.3	17.4	17.4	2,729	376,718	6.52
Class V	23,777	21,287	39.6	21.6	15.1	15.9	516	4,597,423	12.21	2.37	3,743	5.1	19.9	13.5	14.7	2,503	284,388	5.84
Class VI	16,997	14,162	32.5	14.3	5.2	5.9	479	1,535,086	10.99	2.29	1,578	3.5	8.4	4.2	4.6	2,517	89,706	5.88
Other farms	64,969	35,444	26.6	35.9	9.5	11.0	468	2,699,798	10.39	2.22	4,683	4.3	25.0	12.8	12.7	2,733	255,954	6.05
Area 1	10,090	5,958	21.9	100.0	100.0	100.0	421	483,367	9.64	2.29	354	1.7	100.0	100.0	100.0	3,001	21,289	5.51
Commercial farms	2,576	2,085	27.2	35.0	67.8	65.6	435	328,627	10.00	2.30	184	2.4	52.0	79.6	75.4	3,169	16,384	5.63
Class I	22	22	26.7	0.4	7.6	11.7	272	37,593	6.42	2.36	8	2.7	2.3	18.5	15.2	3,659	4,176	7.11
Class II	36	35	27.6	0.6	4.7	5.4	364	26,089	9.56	2.62	19	3.2	5.4	13.5	8.3	4,891	1,747	5.44
Class III	71	71	68.2	1.2	6.9	6.4	456	33,213	10.41	2.28	20	1.8	5.6	2.8	2.2	3,765	370	4.35
Class IV	269	219	19.0	3.7	9.8	9.7	428	44,057	9.09	2.13	47	2.7	13.3	12.3	18.0	2,061	3,886	5.60
Class V	863	748	28.2	12.6	22.3	19.1	491	108,770	11.37	2.32	55	3.0	15.5	24.8	26.3	2,828	4,825	4.75
Class VI	1,315	990	26.9	16.6	16.5	13.3	522	78,905	11.79	2.26	35	0.8	9.9	7.7	5.4	4,238	1,380	6.57
Other farms	7,514	3,873	16.0	65.0	32.2	34.4	395	154,740	8.97	2.27	170	0.9	48.0	20.4	24.6	2,484	4,905	5.16
Area 2	20,617	16,234	36.1	100.0	100.0	100.0	441	2,222,003	10.34	2.34	2,524	6.0	100.0	100.0	100.0	4,270	242,305	6.82
Commercial farms	10,018	9,035	37.8	55.7	80.8	80.5	443	1,808,002	10.46	2.36	1,692	6.3	67.0	84.8	80.6	4,493	200,630	7.00
Class I	83	83	45.9	0.5	8.2	8.9	407	193,217	10.08	2.48	58	15.2	2.3	27.7	17.8	6,636	59,703	9.42
Class II	232	222	43.9	1.4	8.8	8.4	465	191,991	10.67	2.30	124	10.6	4.9	10.2	12.2	3,556	27,330	6.31
Class III	544	533	42.3	3.3	11.3	11.9	419	251,473	9.87	2.35	202	6.3	8.0	9.1	10.6	3,648	22,302	5.90
Class IV	1,392	1,312	34.9	8.1	15.5	15.6	437	348,510	10.37	2.37	461	6.5	18.3	17.2	17.6	4,186	41,155	6.60
Class V	3,505	3,139	36.0	19.3	22.8	22.3	451	503,025	10.52	2.33	542	4.5	21.5	15.2	16.9	3,847	37,050	6.17
Class VI	4,262	3,746	33.9	23.1	14.2	13.4	469	319,786	11.12	2.37	305	2.3	12.1	5.4	5.5	4,231	13,090	6.71
Other farms	10,599	7,199	30.3	44.3	19.2	19.5	434	414,001	9.86	2.27	832	5.0	33.0	15.2	19.4	3,344	41,675	6.05
Areas 3 and A	11,424	6,706	26.1	100.0	100.0	100.0	486	1,306,311	10.50	2.16	1,977	5.9	100.0	100.0	100.0	3,079	151,706	5.39
Commercial farms	4,525	3,737	28.8	55.7	84.4	83.2	493	1,106,914	10.70	2.17	1,349	6.1	68.2	79.1	77.9	3,125	119,303	5.44
Class I	98	81	42.9	1.2	10.0	9.0	538	138,734	12.33	2.29	21	8.2	1.1	6.5	7.6	2,628	9,945	4.64
Class II	274	236	37.7	3.5	15.8	15.0	513	202,592	10.85	2.11	126	6.0	6.4	14.2	10.5	4,148	19,121	6.45
Class III	386	333	31.0	5.0	11.5	12.1	462	147,599	9.78	2.12	139	6.5	7.0	12.1	11.2	3,335	17,103	5.45
Class IV	951	866	27.1	12.9	20.1	19.8	495	268,363	10.92	2.20	370	5.8	18.7	17.6	18.8	2,888	27,953	5.29
Class V	1,432	1,214	25.2	18.1	19.3	18.7	501	253,386	10.88	2.17	428	5.5	21.6	19.6	18.0	3,343	29,096	5.73
Class VI	1,384	1,007	20.6	15.0	7.6	8.5	433	96,240	9.07	2.09	265	6.5	13.4	9.1	11.8	2,379	16,085	4.84
Other farms	6,899	2,969	17.6	44.3	15.6	16.8	453	199,397	9.55	2.11	628	5.3	31.8	20.9	22.1	2,915	32,403	5.20
Area 4	11,909	6,303	36.6	100.0	100.0	100.0	410	1,872,492	8.87	2.16	1,428	4.4	100.0	100.0	100.0	3,230	132,024	5.14
Commercial farms	6,640	4,750	38.5	75.4	93.5	93.6	410	1,754,687	8.88	2.16	1,136	4.3	79.6	86.9	86.6	3,243	115,409	5.19
Class I	528	364	48.8	5.8	22.5	21.1	437	455,885	10.21	2.34	90	3.3	6.3	12.7	11.8	3,481	15,855	5.23
Class II	885	720	39.0	11.4	22.3	21.2	431	402,529	8.98	2.08	246	5.3	17.2	26.3	23.9	3,554	33,309	5.44
Class III	1,121	810	39.0	12.9	18.5	19.1	397	336,793	8.36	2.10	247	5.0	17.3	18.8	19.9	3,047	26,935	5.27
Class IV	1,416	1,094	35.7	17.4	15.4	16.6	381	288,940	8.23	2.16	233	3.8	16.3	15.0	14.7	3,312	17,380	4.62
Class V	1,744	1,177	30.9	18.7	11.5	11.7	403	209,180	8.46	2.10	220	4.0	15.4	9.9	12.3	2,603	14,905	4.70
Class VI	946	585	31.3	9.3	3.3	3.8	360	61,360	7.63	2.12	100	4.0	7.0	4.2	4.0	3,382	7,025	6.79
Other farms	5,269	1,553	21.2	24.6	6.5	6.4	413	117,805	8.67	2.10	292	5.4	20.4	13.1	13.4	3,144	16,615	4.82

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Virginia—Continued																		
Areas 5 and B	12,804	8,041	35.7	100.0	100.0	100.0	466	3,313,331	10.18	2.19	3,020	10.0	100.0	100.0	100.0	2,678	552,019	6.03
Commercial farms	5,446	4,678	37.4	58.2	89.8	90.2	464	2,992,171	10.20	2.20	2,162	10.5	71.6	90.4	89.9	2,694	495,863	6.02
Class I	382	365	44.5	4.5	23.8	22.6	490	790,192	10.72	2.19	264	14.4	8.7	24.3	26.1	2,495	124,508	5.21
Class II	705	651	40.1	8.1	23.9	23.0	484	810,486	10.83	2.24	393	10.4	13.0	21.9	21.1	2,773	122,956	6.35
Class III	860	772	39.6	9.6	16.8	16.9	461	570,976	10.37	2.25	427	11.6	14.1	18.9	17.6	2,870	103,949	6.44
Class IV	1,060	962	30.9	12.0	13.4	14.0	446	435,275	9.55	2.14	484	8.9	16.0	14.9	14.3	2,801	85,637	6.55
Class V	1,352	1,121	31.9	13.9	9.0	9.9	426	287,602	8.96	2.10	458	8.3	15.2	8.7	9.1	2,570	48,843	5.88
Class VI	1,087	807	27.1	10.0	2.9	3.8	358	97,640	8.00	2.24	136	3.5	4.5	1.7	1.7	2,677	9,970	6.25
Other farms	7,358	3,363	24.9	41.8	10.2	9.8	481	321,160	10.02	2.08	858	7.2	28.4	9.6	10.1	2,539	56,156	6.08
Areas 6 and C	20,839	15,013	40.2	100.0	100.0	100.0	484	3,579,597	10.85	2.24	2,975	4.9	100.0	100.0	100.0	2,935	294,693	7.26
Commercial farms	10,079	8,897	44.2	59.3	85.7	85.3	487	3,064,989	10.89	2.24	2,223	5.4	74.7	84.3	84.8	2,918	252,653	7.34
Class I	204	168	59.7	1.1	9.5	9.5	481	324,131	10.31	2.14	97	7.1	3.3	10.3	9.3	3,258	32,457	8.62
Class II	598	542	51.3	3.6	14.3	14.8	468	516,993	10.62	2.27	231	4.2	7.8	10.2	9.9	3,026	30,820	7.66
Class III	976	855	47.0	5.7	15.7	14.5	526	558,369	11.71	2.23	326	6.7	11.0	15.4	16.7	2,707	50,680	7.49
Class IV	2,335	2,168	46.0	14.4	23.4	22.3	509	849,350	11.54	2.27	636	5.8	21.4	24.2	22.9	3,099	71,100	7.65
Class V	3,369	3,019	38.8	20.1	17.1	17.7	467	615,241	10.53	2.25	683	5.1	23.0	18.7	19.0	2,892	48,751	6.32
Class VI	2,597	2,145	27.8	14.3	5.7	6.5	425	200,905	9.34	2.20	250	3.7	8.4	5.5	7.1	2,304	18,845	6.58
Other farms	10,760	6,116	26.5	40.7	14.3	14.7	471	514,608	10.59	2.25	752	3.4	25.3	15.7	15.2	3,030	42,040	6.83
Area 7	27,218	23,667	42.2	100.0	100.0	100.0	619	5,803,089	15.09	2.44	2,398	2.8	100.0	100.0	100.0	2,618	188,508	7.29
Commercial farms	19,556	18,742	44.9	79.2	92.6	91.2	628	5,382,336	15.34	2.44	1,942	2.9	81.0	85.3	88.0	2,537	160,458	7.05
Class I	36	35	42.5	0.1	2.2	2.7	514	113,275	11.04	2.15	26	11.4	1.1	5.0	10.6	1,240	10,456	3.80
Class II	330	298	51.2	1.3	7.0	8.2	528	368,935	11.74	2.22	181	6.2	7.5	17.4	14.8	3,091	28,215	7.39
Class III	1,353	1,321	48.1	5.6	14.9	15.0	615	833,553	14.43	2.35	307	3.6	12.8	19.0	16.6	2,988	36,350	8.46
Class IV	5,817	5,616	46.9	23.7	32.7	31.0	652	1,851,861	15.52	2.38	698	2.4	29.1	23.8	23.4	2,661	47,172	7.79
Class V	8,426	8,101	43.0	34.2	28.4	26.8	656	1,779,997	17.30	2.64	525	1.9	21.9	15.0	17.9	2,188	29,635	6.39
Class VI	3,594	3,371	35.7	14.2	7.5	7.6	605	434,715	14.82	2.45	205	1.5	8.5	5.1	4.7	2,855	8,630	7.16
Other farms	7,662	4,925	25.9	20.8	7.4	8.8	520	420,753	12.50	2.40	456	2.4	19.0	14.7	12.0	3,211	28,050	9.05
Areas 8 and 9	10,510	7,901	60.0	100.0	100.0	100.0	463	2,779,474	10.27	2.22	2,003	8.9	100.0	100.0	100.0	1,743	251,671	6.29
Commercial farms	4,216	3,861	63.0	48.9	86.5	86.1	465	2,409,668	10.34	2.22	1,517	9.5	75.7	90.2	87.9	1,789	225,381	6.41
Class I	116	95	68.2	1.2	13.1	10.6	574	374,784	13.11	2.28	49	11.5	2.4	14.0	12.0	2,025	33,250	6.91
Class II	298	291	69.9	3.7	18.0	18.1	461	483,940	9.88	2.14	186	8.9	9.3	19.9	15.5	2,231	46,791	7.53
Class III	655	620	64.4	7.8	23.9	21.8	508	673,042	11.42	2.25	310	7.8	15.5	21.6	17.8	2,122	55,599	7.82
Class IV	917	872	60.4	11.0	16.0	17.5	422	446,042	9.41	2.23	389	8.5	19.4	16.3	16.6	1,712	39,605	5.96
Class V	1,263	1,152	56.7	14.6	11.1	13.4	382	306,275	8.44	2.21	416	12.8	20.8	14.3	20.5	1,221	40,105	4.90
Class VI	967	831	53.7	10.5	4.5	4.7	440	125,585	9.77	2.22	167	9.2	8.3	4.1	5.5	1,289	10,031	4.57
Other farms	6,294	4,040	46.2	51.1	13.5	13.9	450	369,806	9.84	2.19	486	6.0	24.3	9.8	12.1	1,408	26,290	5.42
Area 10	7,881	6,708	78.4	100.0	100.0	100.0	674	4,700,583	15.57	2.31	1,327	4.9	100.0	100.0	100.0	1,451	113,210	6.01
Commercial farms	6,183	5,723	79.6	85.3	97.1	96.8	676	4,578,822	15.66	2.32	1,209	4.9	91.1	94.0	95.2	1,433	108,616	6.06
Class I	121	119	88.3	1.8	11.6	10.9	718	560,971	17.06	2.38	32	7.0	2.4	19.4	13.8	2,049	17,125	6.61
Class II	690	665	82.8	9.9	28.9	25.5	762	1,332,344	17.27	2.27	156	3.9	11.8	24.4	19.3	1,833	22,594	6.21
Class III	1,360	1,289	80.1	19.2	25.3	25.5	670	1,187,769	15.42	2.30	287	4.5	21.6	19.1	23.1	1,200	26,819	6.18
Class IV	1,914	1,779	75.2	26.5	19.5	21.2	622	961,721	15.05	2.42	343	5.0	25.8	16.1	22.4	1,041	23,340	5.53
Class V	1,443	1,316	75.1	19.6	9.7	11.2	586	447,977	13.27	2.26	306	5.8	23.1	13.4	13.9	1,402	16,233	6.19
Class VI	655	555	70.6	8.3	2.0	2.5	525	88,040	11.54	2.20	85	4.6	6.4	1.5	2.7	840	2,505	5.01
Other farms	1,698	985	53.9	14.7	2.9	3.2	618	121,761	12.59	2.04	118	5.1	8.9	6.0	4.8	1,802	4,594	5.05
Areas 11 and D	3,078	2,187	69.3	100.0	100.0	100.0	966	3,039,202	20.45	2.12	759	10.3	100.0	100.0	100.0	1,966	158,422	7.20
Commercial farms	2,162	1,766	70.1	80.7	97.9	96.8	977	2,973,435	20.67	2.12	668	10.5	88.0	98.5	97.7	1,984	155,196	7.22
Class I	303	252	82.2	11.5	50.6	43.2	1,131	1,502,125	23.38	2.07	126	11.2	16.6	44.3	39.9	2,183	69,311	7.90
Class II	452	397	69.2	18.2	27.0	25.3	1,030	826,065	21.94	2.13	171	10.7	22.5	25.1	26.4	1,874	38,920	6.71
Class III	426	361	54.9	16.5	9.9	12.4	771	325,185	17.64	2.29	91	6.0	12.0	8.9	9.1	1,925	10,385	5.18
Class IV	411	331	58.5	15.1	6.6	9.4	673	202,180	14.45	2.15	140	10.6	18.4	11.9	11.5	2,032	19,490	7.70
Class V	380	300	63.4	13.7	2.7	5.1	524	85,970	11.43	2.18	110	16.9	14.5	7.7	9.1	1,656	14,945	7.45
Class VI	190	125	57.9	5.7	1.1	1.4	764	31,910	15.80	2.07	30	10.7	4.0	0.6	1.7	747	2,145	5.72
Other farms	916	421	52.3	19.3	2.1	3.2	628	65,767	13.92	2.22	91	5.7	12.0	1.5	2.3	1,243	3,226	6.26
Washington, total	65,135	23,458	22.5	100.0	100.0	100.0	175	14,199,586	7.97	4.54	1,594	0.3	100.0	100.0	100.0	2,381	300,883	11.78
Commercial farms	36,410	19,003	23.2	81.0	97.4	98.5	174	13,924,448	7.94	4.57	1,223	0.3	76.7	91.8	92.0	2,377	276,943	11.78
Class I	5,673	4,482	27.1	19.1	54.8	65.9	146	8,455,220	7.20	4.93	143	0.1	9.0	26.2	17.8	3,508	77,247	17.02
Class II	7,579	4,835	18.8	20.6	23.1	20.0	202	3,126,954	8.76	4.34	315	0.4	19.8	31.6	28.6	2,632	99,840	13.67
Class III	7,154	3,960	20.2	16.9	10.9	7.2	268	1,332,012	10.44	3.89	337	1.0	21.1	20.1	24.1	1,982	56,752	9.20
Class IV	6,554	2,890	15.8	12.3	5.8	3.5	293	704,418	11.43	3.91	208	1.0	13.0	8.5	15.6	1,293	25,334	6.35
Class V	6,709	2,263	10.4	9.6	2.3	1.4	278	245,990	9.64	3.47	185	0.6	11.6	5.0	5.4	2,209	16,335	11.75
Class VI	2,741	573	10.8	2.4	0.6	0.5	215	59,854	7.44	3.46	35	0.1	2.2	0.4	0.4	2,273	1,435	13.05
Other farms	28,725	4,455	7.9	19.0	2.6	1.5	290	275,138	10.00	3.45	371	0.6	23.3	8.2	8.0	2,434	23,940	11.75
Area 1	4,310	889	10.2	100.0	100.0	100.0	240	102,984	7.67	3.20	141	0.6	100.0	100.0	100.0	1,440	5,795	6.90
Commercial farms	1,723	574	11.6	64.6	83.9	85.7	235	86,704	7.54	3.21	61	0.5	43.3	61.2	60.1	1,465	3,555	7.04
Class I	30	13	14.0	1.5	7.2	7.1	244	7,953	8.38	3.43	5	1.0	3.5	0.8	8.3	143	125	1.79
Class II	238	108	17.5	12.1	24.8	26.7	223	28,678	8.00	3.58	5	0.1	3.5	1.7	2.4	1,000	200	10.00
Class III	394	166	12.5	18.7	22.3	25.4	211	25,440	7.46	3.54	15	0.5	10.6	32.2	17.9	2,600	1,595	10.63
Class IV	389	136	8.8	15.3	12.9	13.5	230	12,400	6.85	2.98	11	0.4	7.8	10.7	10.1	1,529	640	7.53
Class V	471	120	7.9	13.5	13.7	10.6	310	10,790	7.60	2.45	25	1.0	17.7	15.7	21.4	1,056	995	5.53
Class VI	201	31	5.7	3.5	3.0	2.4	294	1,443	4.41	1.50	...	...	...	...	...	...	...	...
Other farms	2,587	315	5.9	35.4	16.1	14.3	270	16,280	8.48	3.14	80	1.0	56.7	38.8	39.9	1,403	2,240	6.69
Area 2	11,721	3,836	29.0	100.0	100.0	100.0	364	1,308,890	13.06	3.59	837	4.8	100.0	100.0	100.0	2,822	227,410	13.66
Commercial farms	6,245	3,030	33.3	79.0	96.3	95.8	366	1,261,020	13.14	3.59	726	5.5	86.7	94.2	94.7	2,807	214,880	13.63
Class I	285	228	52.5	5.9	27.4	22.4	445	389,095	17.32	3.89	60	6.9	7.2	26.3	17.8	4,162	58,205	19.63
Class II	986	665	42.4	17.3	31.5	32.9	348	391,145	11.87	3.41	225	8.1	26.9	36.4	37.6	2,729	86,595	13.82
Class III	1,576	951	32.4	24.8	21.1	24.2	318	270,020	11.15	3.50	220	5.8	26.3	19.9	25.9	2,174	42,935	9.96
Class IV	1,267	541	21.1	14.1	11.0	9.4	427	148,160	15.80	3.70	101	2.6	12.1	6.2	6.9	2,548	14,060	12.23
Class V	1,471	510	14.7	13.3	4.1	5.0	301	49,090	9.83	3.26	110	3.1	13.1	5.2	6.2	2,365	12,710	12.22
Class VI	660	135	13.4	3.5	1.2	2.0	220	13,510	6.81	3.10	10	0.3	1.2	0.1	0.2	1,750	375	9.37
Other farms	5,476	806	7.4	21.0	3.7	4.2	321	47,870	11.34	3.54	111	1.5	13.3	5.8	5.3	3,092	12,530	14.19

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Washington—Continued																		
Areas 3, A, and B	10,349	2,471	17.2	100.0	100.0	100.0	635	562,834	22.06	3.48	341	1.7	100.0	100.0	100.0	2,274	35,810	13.80
Commercial farms	3,822	1,519	20.6	61.5	88.9	82.2	686	502,850	23.98	3.49	236	2.1	69.2	91.9	84.0	2,486	33,340	15.29
Class I	232	131	36.1	5.3	16.8	17.3	618	104,725	23.72	3.84	40	3.0	11.7	44.6	14.3	7,108	14,755	39.88
Class II	725	325	24.1	13.2	34.4	27.6	793	188,140	26.76	3.38	60	2.7	17.6	28.5	29.9	2,168	10,795	13.93
Class III	902	417	19.3	16.9	20.6	19.0	690	115,715	23.93	3.47	61	2.3	17.9	8.5	22.2	870	3,710	6.45
Class IV	751	255	16.4	10.3	9.5	9.8	614	55,630	22.25	3.62	40	2.4	11.7	6.8	14.3	1,081	2,635	7.12
Class V	817	311	11.1	12.6	6.4	7.0	573	32,685	18.18	3.17	30	0.5	8.8	3.4	3.3	2,353	1,365	16.06
Class VI	395	80	10.2	3.2	1.2	1.5	486	5,955	15.08	3.10	5	0.1	1.5	0.2	0.2	2,000	80	16.00
Other farms	6,527	952	9.7	38.5	11.1	17.8	397	59,984	13.23	3.33	105	0.9	30.8	8.1	16.0	1,157	2,470	5.95
Areas 4 and C	10,254	2,385	15.2	100.0	100.0	100.0	256	400,188	9.08	3.55	221	1.5	100.0	100.0	100.0	1,311	28,594	6.42
Commercial farms	3,987	1,400	17.6	58.7	85.2	85.0	256	343,688	9.17	3.58	151	1.9	68.3	78.4	91.1	1,128	21,914	5.40
Class I	137	65	37.8	2.7	19.5	17.5	286	85,031	11.05	3.87	16	2.0	7.2	5.3	9.3	748	1,964	4.77
Class II	430	224	23.4	9.4	19.0	20.8	234	71,890	7.83	3.35	15	0.2	6.8	4.8	1.9	3,294	1,575	18.53
Class III	702	309	20.2	13.0	23.0	18.4	320	88,390	10.91	3.41	40	2.8	18.1	33.6	25.4	1,735	8,505	7.53
Class IV	923	365	15.9	15.3	14.8	18.3	207	63,895	7.94	3.84	45	4.5	20.4	28.3	51.3	722	7,665	3.35
Class V	1,254	327	6.8	13.7	6.5	7.2	228	25,877	8.12	3.55	20	0.2	9.0	3.8	1.9	2,588	1,265	14.88
Class VI	541	110	8.1	4.6	2.4	2.9	218	8,605	6.80	3.12	15	0.4	6.8	2.7	1.3	2,667	940	15.67
Other farms	6,267	985	8.5	41.3	14.8	15.0	252	56,500	8.55	3.40	70	0.1	31.7	21.6	8.9	3,190	6,680	16.91
Area 5a	3,641	2,209	17.9	100.0	100.0	100.0	343	626,717	13.50	3.94	30	0.3	100.0	100.0	100.0	843	2,535	3.05
Commercial farms	2,549	1,894	18.7	85.7	96.7	97.0	342	611,302	13.58	3.97	30	0.3	100.0	100.0	100.0	843	2,535	3.05
Class I	674	638	38.0	28.9	58.5	58.2	344	376,260	13.92	4.04	20	1.0	66.7	90.0	85.5	887	2,170	3.06
Class II	616	519	15.5	23.5	21.3	22.2	328	130,596	12.66	3.86	5	0.2	16.7	4.3	12.0	300	125	1.25
Class III	477	322	9.0	14.6	8.9	8.2	373	51,604	13.58	3.64	...	...	...	...	...	...	...	...
Class IV	366	217	6.9	9.8	4.7	5.0	319	32,664	14.09	4.41	5	0.1	16.7	5.7	2.4	2,000	240	12.00
Class V	336	172	6.1	7.8	3.0	3.1	329	17,718	12.18	3.71	...	...	...	...	...	...	...	...
Class VI	80	26	3.1	1.2	0.3	0.2	482	2,460	21.96	4.56	...	...	...	...	...	...	...	...
Other farms	1,092	315	7.6	14.3	3.3	3.0	377	15,415	11.09	2.94	...	...	...	...	...	...	...	...
Area 5b	2,785	511	12.3	100.0	100.0	100.0	156	178,179	5.90	3.79	1	(Z)	100.0	100.0	100.0	2,000	4	4.00
Commercial farms	1,717	435	13.4	85.1	95.7	96.4	154	172,624	5.93	3.84	1	(Z)	100.0	100.0	100.0	2,000	4	4.00
Class I	29	25	20.3	4.9	7.8	8.6	140	15,255	5.88	4.19	...	...	...	...	...	...	...	...
Class II	169	93	28.5	18.2	50.1	49.0	159	98,022	6.63	4.16	...	...	...	...	...	...	...	...
Class III	366	115	10.3	22.5	18.7	20.2	143	33,271	5.45	3.80	...	...	...	...	...	...	...	...
Class IV	435	112	7.0	21.9	11.5	11.9	150	17,626	4.90	3.26	1	(Z)	100.0	100.0	100.0	2,000	4	4.00
Class V	467	75	5.1	14.7	6.8	5.2	202	7,170	4.53	2.24	...	...	...	...	...	...	...	...
Class VI	251	15	3.6	2.9	0.9	1.4	95	1,280	3.05	3.20	...	...	...	...	...	...	...	...
Other farms	1,068	76	4.0	14.9	4.3	3.6	185	5,555	5.08	2.75	...	...	...	...	...	...	...	...
Area 6	10,156	5,257	24.7	100.0	100.0	100.0	290	3,103,563	11.94	4.11	10	(Z)	100.0	100.0	100.0	2,000	590	9.08
Commercial farms	7,367	4,750	25.1	90.4	98.7	98.9	290	3,066,434	11.93	4.12	10	(Z)	100.0	100.0	100.0	2,000	590	9.08
Class I	1,493	1,261	25.2	24.0	55.9	55.0	295	1,758,732	12.31	4.17	...	...	...	...	...	...	...	...
Class II	1,588	1,231	27.5	23.4	23.0	23.4	285	707,524	11.61	4.07	5	(Z)	50.0	92.3	92.3	2,000	550	9.17
Class III	1,404	949	28.0	18.1	11.5	12.9	257	362,764	10.78	4.19	...	...	...	...	...	...	...	...
Class IV	1,358	716	19.8	13.6	5.9	5.1	335	163,578	12.39	3.70	...	...	...	...	...	...	...	...
Class V	1,249	497	13.9	9.5	2.2	2.2	289	65,725	11.72	4.05	...	...	...	...	...	...	...	...
Class VI	275	96	11.6	1.8	0.3	0.3	303	8,111	11.59	3.83	5	0.1	50.0	7.7	7.7	2,000	40	8.00
Other farms	2,789	507	10.0	9.6	1.3	1.1	322	37,129	12.44	3.87	...	...	...	...	...	...	...	...
Area 7a	4,134	2,228	15.9	100.0	100.0	100.0	132	3,233,409	6.91	5.23	...	...	...	...	...	...	...	...
Commercial farms	3,582	2,023	15.9	90.8	99.2	99.6	132	3,213,734	6.90	5.24	...	...	...	...	...	...	...	...
Class I	1,249	803	18.7	36.0	63.3	77.3	108	2,224,246	6.15	5.69	...	...	...	...	...	...	...	...
Class II	1,365	657	9.4	29.5	21.9	16.7	173	629,659	8.06	4.66	...	...	...	...	...	...	...	...
Class III	474	289	14.3	13.0	8.7	3.5	327	217,072	13.16	4.02	...	...	...	...	...	...	...	...
Class IV	297	188	20.2	8.4	4.4	1.7	341	123,657	15.37	4.51	...	...	...	...	...	...	...	...
Class V	120	56	14.8	2.5	0.6	0.2	351	13,220	12.41	3.53	...	...	...	...	...	...	...	...
Class VI	77	30	28.0	1.3	0.2	0.1	287	5,880	11.42	3.97	...	...	...	...	...	...	...	...
Other farms	552	205	9.1	9.2	0.8	0.4	295	19,675	11.75	3.98	...	...	...	...	...	...	...	...
Areas 7b and D	7,785	3,672	31.7	100.0	100.0	100.0	110	4,682,822	5.90	5.35	13	(Z)	100.0	100.0	100.0	343	145	1.38
Commercial farms	5,418	3,378	32.1	92.0	99.5	99.6	110	4,666,092	5.90	5.36	8	(Z)	61.5	44.4	90.5	168	125	1.32
Class I	1,544	1,318	36.1	35.9	74.5	76.1	108	3,493,923	5.78	5.36	2	(Z)	15.4	11.1	11.4	333	28	2.33
Class II	1,462	1,013	25.1	27.6	17.7	17.6	111	881,300	6.30	5.69	...	...	...	...	...	...	...	...
Class III	859	442	21.3	12.0	4.0	3.4	130	167,736	6.22	4.77	1	(Z)	7.7	5.6	2.9	667	7	2.33
Class IV	768	360	18.5	9.8	2.2	1.6	155	86,808	6.82	4.41	5	0.1	38.5	27.8	76.2	125	90	1.12
Class V	524	195	15.7	5.3	0.7	0.6	133	23,715	5.38	4.05	...	...	...	...	...	...	...	...
Class VI	261	50	20.3	1.4	0.3	0.3	120	12,610	5.42	4.54	...	...	...	...	...	...	...	...
Other farms	2,367	294	7.6	8.0	0.5	0.4	148	16,730	5.42	3.67	5	(Z)	38.5	55.6	9.5	2,000	20	2.00
West Virginia, total	68,570	33,898	17.2	100.0	100.0	100.0	369	3,216,752	8.75	2.37	9,417	4.8	100.0	100.0	100.0	3,456	627,935	6.15
Commercial farms	21,504	13,865	20.3	40.9	74.3	73.9	371	2,393,180	8.80	2.38	5,304	5.3	56.3	72.6	69.5	3,612	466,180	6.57
Class I	355	253	43.8	0.7	8.2	9.0	335	307,859	9.30	2.78	97	4.5	1.0	3.5	3.3	3,607	21,463	6.29
Class II	1,148	861	29.0	2.5	12.7	12.8	367	394,694	8.41	2.29	369	6.3	3.9	10.6	10.0	3,658	71,693	7.01
Class III	2,269	1,614	23.6	4.8	15.9	15.7	373	494,413	8.56	2.29	771	5.3	8.2	14.9	12.7	4,052	93,349	7.21
Class IV	3,162	2,323	19.3	6.9	13.7	13.3	379	421,470	8.59	2.27	1,101	5.4	11.7	15.1	13.4	3,888	104,009	7.61
Class V	5,737	3,772	16.1	11.1	13.7	13.2	383	442,236	9.09	2.38	1,512	5.1	16.1	15.2	15.2	3,454	94,456	6.09
Class VI	8,833	5,042	12.0	14.9	10.1	9.9	377	332,508	9.15	2.42	1,454	5.0	15.4	13.4	14.8	3,117	81,210	5.36
Other farms	47,066	20,033	12.0	59.1	25.7	26.1	364	823,572	8.60	2.36	4,113	3.9	43.7	27.4	30.5	3,102	161,755	5.19
Areas 1 and A	6,426	2,334	11.1	100.0	100.0	100.0	391	250,967	9.74	2.49	1,269	5.5	100.0	100.0	100.0	3,482	90,358	7.10
Commercial farms	2,354	1,233	14.2	52.8	82.6	81.5	396	206,067	9.82	2.48	804	6.5	63.4	76.1	74.9	3,539	70,948	7.44
Class I	11	10	20.2	0.4	0.4	0.3	615	2,750	42.31	6.88	...	...	...	...	...	...	...	...
Class II	98	76	30.0	3.3	21.6	20.5	412	57,640	10.93	2.65	52	9.9	4.1	12.8	13.7	3,264	11,635	6.69
Class III	199	176	15.2	7.5	18.2	16.1	444	48,232	11.66	2.63	126	8.4	9.9	18.0	17.9	3,499	22,048	9.69
Class IV	457	366	16.9	15.7	21.9	21.4	399	47,240	8.58	2.15	231	7.1	18.2	20.8	18.3	3,970	19,085	8.21
Class V	764	350	12.3	15.0	15.6	18.2	335	38,660	8.26	2.47	250	5.0	19.7	15.3	14.9	3,574	12,075	6.36
Class VI	825	255	4.2	10.9	4.9	5.1	377	11,545	8.75	2.32	145	4.1	11.4	9.2	10.2	3,154	6,105	4.70
Other farms	4,072	1,101	5.6	47.2	17.4	18.5	367	44,900	9.41	2.56	465	3.7	36.6	23.9	25.1	3,311	19,410	6.08

Z Less than 0.05.

USE OF FERTILIZER AND LIME

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
West Virginia—Continued																		
Areas 2a and B	10,591	4,810	14.7	100.0	100.0	100.0	382	453,038	9.71	2.54	966	3.3	100.0	100.0	100.0	3,424	70,770	6.69
Commercial farms	3,348	2,187	18.8	45.5	75.2	77.2	372	349,093	9.69	2.61	591	4.1	61.2	77.6	74.5	3,565	56,170	7.13
Class I	33	28	65.4	0.6	13.7	15.1	346	68,854	9.77	2.83	7	2.2	0.7	2.6	2.2	4,078	2,281	9.83
Class II	122	101	38.0	2.1	16.7	17.7	360	70,040	8.47	2.36	64	9.4	6.6	22.9	19.3	4,068	20,601	10.10
Class III	225	159	30.8	3.3	12.3	16.9	277	55,562	7.05	2.54	62	3.3	6.4	7.6	8.1	3,229	6,351	7.42
Class IV	285	187	10.3	3.9	6.3	5.0	484	25,572	10.95	2.26	83	4.3	8.6	9.7	9.2	3,586	6,317	6.47
Class V	1,026	726	11.2	15.1	15.2	13.1	443	68,510	11.22	2.53	185	2.9	19.2	16.2	15.1	3,675	9,600	6.00
Class VI	1,657	986	7.7	20.5	11.0	9.4	449	60,555	13.86	3.09	190	3.8	19.7	18.5	20.6	3,080	11,020	5.07
Other farms	7,243	2,623	8.5	54.5	24.8	22.8	415	103,945	9.75	2.35	375	2.1	38.8	22.4	25.5	3,011	14,600	5.41
Area 2b	15,231	6,767	10.5	100.0	100.0	100.0	392	419,143	9.09	2.32	1,893	4.2	100.0	100.0	100.0	3,263	111,137	6.04
Commercial farms	4,441	2,401	10.9	35.5	61.5	59.9	402	254,407	9.22	2.29	983	4.8	51.9	66.2	65.6	3,292	76,012	6.30
Class I	17	7	13.6	0.1	0.3	0.5	206	1,063	4.20	2.04	2	2.3	0.1	0.2	0.2	2,810	201	4.79
Class II	89	53	7.3	0.8	4.0	2.4	652	17,692	16.07	2.46	24	4.7	1.3	3.4	3.9	2,862	3,374	4.75
Class III	243	150	16.2	2.2	10.1	10.8	367	41,302	8.33	2.27	102	6.1	5.4	13.2	10.2	4,218	13,862	7.39
Class IV	580	396	12.4	5.9	15.2	15.7	380	67,728	9.35	2.46	228	5.3	12.0	19.3	16.9	3,734	26,227	8.44
Class V	1,107	646	11.5	9.5	18.3	17.5	411	72,141	8.95	2.18	285	4.6	15.1	15.4	17.6	2,851	15,935	4.91
Class VI	2,405	1,149	7.9	17.0	13.6	13.0	410	54,481	9.11	2.22	342	4.1	18.1	14.7	16.8	2,855	16,413	5.32
Other farms	10,790	4,366	9.9	64.5	38.5	40.1	375	164,736	8.90	2.37	910	3.4	48.1	33.8	34.4	3,208	35,125	5.55
Area 3	9,076	4,238	14.9	100.0	100.0	100.0	388	394,726	9.27	2.39	1,594	5.6	100.0	100.0	100.0	3,323	103,781	6.55
Commercial farms	2,569	1,671	16.2	39.4	67.2	63.6	410	269,541	9.95	2.43	779	5.9	48.9	63.9	62.0	3,422	68,161	6.94
Class I	8	4	15.6	0.1	0.5	0.8	251	1,754	5.36	2.14	4	22.8	0.3	2.9	3.0	3,176	3,261	6.82
Class II	76	64	18.8	1.5	6.7	5.2	501	28,692	13.06	2.61	34	5.1	2.1	3.7	3.7	3,464	3,693	6.23
Class III	216	128	7.6	3.0	7.1	5.4	508	30,863	13.42	2.64	72	3.2	4.5	7.0	6.2	3,754	5,200	5.33
Class IV	356	278	26.5	6.6	19.9	18.2	424	69,450	8.94	2.11	133	5.5	8.3	11.7	10.1	3,854	11,937	7.47
Class V	853	587	17.5	13.9	19.8	19.6	393	84,882	10.17	2.59	266	5.7	16.7	18.5	17.2	3,594	22,745	8.37
Class VI	1,060	610	13.5	14.4	13.3	14.5	356	53,900	8.76	2.46	270	7.6	16.9	19.9	21.9	3,022	21,325	6.15
Other farms	6,507	2,567	13.1	60.6	32.8	36.4	350	125,185	8.08	2.31	815	5.1	51.1	36.1	38.0	3,160	35,620	5.92
Areas 4 and C	11,810	5,863	14.4	100.0	100.0	100.0	334	226,612	8.22	2.46	848	5.0	100.0	100.0	100.0	2,712	40,601	4.27
Commercial farms	1,352	859	17.3	14.7	35.9	32.2	372	83,179	9.36	2.51	238	6.5	28.1	40.0	35.0	3,101	15,421	4.64
Class I	21	6	16.3	0.1	1.0	0.4	800	2,360	21.45	2.68	5	0.7	0.6	(Z)	0.1	2,000	60	12.00
Class II	30	20	21.7	0.3	2.0	1.8	376	3,480	7.10	1.89	15	4.4	1.8	1.5	1.1	3,800	665	6.65
Class III	61	50	22.2	0.9	4.4	3.0	501	11,035	13.54	2.70	20	4.5	2.4	3.1	1.7	4,788	1,040	6.30
Class IV	142	87	11.0	1.5	5.0	4.9	342	13,085	9.70	2.83	27	3.4	3.2	4.8	4.4	2,952	2,190	5.21
Class V	310	204	23.7	3.5	10.1	8.1	417	22,869	10.24	2.45	56	9.5	6.6	12.7	9.4	3,645	4,316	4.81
Class VI	788	492	16.8	8.4	13.4	14.1	318	30,350	7.81	2.46	115	7.5	13.6	17.9	18.3	2,657	7,150	4.12
Other farms	10,458	5,004	13.4	85.3	64.1	67.8	316	143,433	7.67	2.43	610	4.4	71.9	60.0	65.0	2,503	25,180	4.07
Area 5	13,233	8,416	23.1	100.0	100.0	100.0	373	989,920	8.65	2.32	2,446	5.5	100.0	100.0	100.0	3,781	164,528	6.00
Commercial farms	6,203	4,440	24.0	52.8	79.5	78.8	376	789,842	8.76	2.33	1,623	5.8	66.4	82.0	79.2	3,915	140,313	6.46
Class I	185	136	32.7	1.6	10.4	10.7	361	123,651	10.06	2.79	52	3.8	2.1	5.0	5.2	3,626	7,775	5.44
Class II	565	389	27.0	4.6	13.9	13.7	378	126,690	8.09	2.14	148	5.6	6.1	12.0	11.9	3,804	23,500	7.20
Class III	979	630	23.9	7.5	18.0	16.2	415	173,124	9.35	2.25	323	7.0	13.2	23.1	19.7	4,423	38,243	7.08
Class IV	1,031	728	21.6	8.7	12.8	13.2	363	125,996	8.34	2.30	318	5.6	13.0	15.7	14.4	4,115	27,763	7.02
Class V	1,476	1,098	22.2	13.0	12.9	13.4	360	127,184	8.30	2.31	415	6.4	17.0	15.0	16.3	3,477	24,860	5.58
Class VI	1,967	1,459	21.2	17.3	11.5	11.6	371	113,197	8.52	2.30	367	5.1	15.0	11.3	11.7	3,662	18,172	5.68
Other farms	7,030	3,976	20.0	47.2	20.5	21.2	362	200,078	8.25	2.28	823	4.7	33.6	18.0	20.8	3,273	24,215	4.24
Area 6	2,203	1,470	37.3	100.0	100.0	100.0	329	482,346	7.48	2.27	401	4.4	100.0	100.0	100.0	3,957	46,760	6.13
Commercial farms	1,237	1,074	39.3	73.1	92.3	94.7	321	441,051	7.22	2.25	286	4.2	71.3	84.8	86.0	3,901	39,155	5.96
Class I	80	62	58.3	4.2	18.6	20.2	303	107,427	8.26	2.72	27	5.5	6.7	15.0	16.1	3,698	7,885	6.44
Class II	168	158	39.3	10.7	19.5	21.6	296	90,460	6.49	2.19	32	5.0	8.0	21.8	23.4	3,681	8,225	4.61
Class III	346	321	38.7	21.8	30.4	29.7	337	134,295	7.01	2.08	66	2.8	16.5	18.1	18.3	3,921	6,605	4.73
Class IV	311	281	34.2	19.1	15.5	15.1	337	72,399	7.42	2.20	81	4.5	20.2	17.0	16.8	3,992	10,490	8.16
Class V	201	161	28.7	11.0	6.2	6.0	338	27,990	7.21	2.13	55	5.1	13.7	10.3	9.1	4,489	4,925	7.09
Class VI	131	91	22.4	6.2	2.1	2.1	336	8,480	6.30	1.88	25	3.0	6.2	2.6	2.4	4,389	1,025	5.69
Other farms	966	396	19.2	26.9	7.7	5.3	476	41,295	12.11	2.54	115	6.0	28.7	15.2	14.0	4,300	7,605	7.14
Wisconsin, total	153,622	104,353	30.1	100.0	100.0	100.0	223	25,737,823	6.65	2.98	35,006	4.0	100.0	100.0	100.0	3,875	3,022,867	5.87
Commercial farms	135,064	99,098	30.7	95.0	97.9	98.2	223	25,242,861	6.64	2.98	34,077	4.1	97.3	98.1	98.0	3,882	2,961,816	5.87
Class I	1,493	1,330	55.1	1.3	10.8	6.7	362	2,865,349	11.10	3.07	425	5.0	1.2	6.0	4.6	5,060	152,525	6.45
Class II	14,732	13,838	43.4	13.3	26.1	27.1	215	6,963,965	6.64	3.08	5,685	5.3	16.2	27.1	24.8	4,231	729,997	5.71
Class III	43,472	37,948	32.5	36.4	36.5	39.3	208	9,300,463	6.12	2.95	13,934	4.4	39.8	38.4	39.5	3,766	1,164,850	5.73
Class IV	45,172	32,074	22.5	30.7	18.7	19.5	214	4,674,300	6.21	2.90	10,252	3.3	29.3	20.5	21.8	3,641	699,224	6.24
Class V	22,994	11,703	16.1	11.2	5.0	5.0	225	1,254,109	6.48	2.88	3,306	2.7	9.4	5.5	6.2	3,402	192,000	6.00
Class VI	7,201	2,205	11.0	2.1	0.7	0.7	225	184,675	6.44	2.86	475	2.1	1.4	0.7	1.0	2,671	23,220	4.30
Other farms	18,558	5,255	14.2	5.0	2.1	1.8	262	494,962	7.30	2.79	929	2.2	2.7	1.9	2.0	3,543	61,051	5.80
Areas 1 and A	14,166	6,219	17.1	100.0	100.0	100.0	357	1,436,744	10.63	2.97	2,574	3.4	100.0	100.0	100.0	4,011	225,822	8.47
Commercial farms	10,929	5,763	18.5	92.7	97.6	96.8	360	1,400,907	10.70	2.97	2,428	3.6	94.3	94.9	94.7	4,019	215,203	8.52
Class I	155	135	54.4	2.2	37.1	18.6	710	526,467	20.89	2.94	36	3.8	1.4	6.5	6.7	3,907	18,035	10.11
Class II	227	174	28.9	2.8	7.8	5.8	482	106,580	13.56	2.81	47	2.4	1.8	3.4	2.5	5,530	8,264	12.45
Class III	1,551	1,319	25.3	21.2	22.4	28.8	278	330,745	8.50	3.06	609	5.5	23.7	29.6	31.6	3,756	65,684	7.80
Class IV	3,988	2,614	16.0	42.0	22.2	31.5	252	315,875	7.41	2.94	1,125	3.9	43.7	41.1	39.1	4,216	90,580	8.69
Class V	3,682	1,261	8.3	20.3	6.9	10.5	237	103,810	7.34	3.09	506	2.0	19.7	11.9	12.6	3,809	28,610	8.54
Class VI	1,326	260	4.8	4.2	1.1	1.6	252	17,430	8.13	3.23	105	1.4	4.1	2.4	2.3	4,129	4,030	6.50
Other farms	3,237	456	5.4	7.3	2.4	3.2	274	35,837	8.35	3.04	146	1.8	5.7	5.1	5.3	3,855	10,619	7.56
Area 2a	19,879	14,131	27.3	100.0	100.0	100.0	190	2,904,296	6.03	3.18	4,985	4.4	100.0	100.0	100.0	4,144	451,458	5.87
Commercial farms	18,018	13,715	27.6	97.1	98.6	98.8	189	2,867,039	6.03	3.18	4,904	4.4	98.4	99.0	98.9	4,149	447,165	5.88
Class I	133	118	40.2	0.8	3.3	2.7	226	110,421	8.38	3.72	48	5.4	1.0	2.6	2.3	4,710	11,437	6.52
Class II	1,599	1,508	36.8	10.7	23.5	23.3	191	744,789	6.64	3.47	839	6.1	16.8	24.7	24.3	4,205	104,330	5.58
Class III	5,894	5,358	30.5	37.9	44.9	45.1	189	1,265,522	5.83	3.09	2,182	4.7	43.8	46.6	43.8	4,409	213,753	6.34
Class IV	6,352	4,806	21.7	34.0	21.6	22.1	186	601,047	5.65	3.04	1,430	3.5	28.7	19.4	22.0	3,654	92,640	5.47
Class V	3,085	1,615	15.3	11.4	4.6	4.9	177	128,690	5.47	3.08	370	2.8	7.4	5.2	5.7	3,778	23,125	5.30
Class VI	955	310	9.6	2.2	0.7	0.6	224	16,570	5.52	2.47	35	2.0	0.7	0.6	0.8	2,841	1,880	2.98
Other farms	1,861	416	15.4	2.9	1.4	1.2	227	37,257	6.44	2.84	81	2.3	1.6	1.0	1.1	3,685	4,293	5.04

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Wisconsin—Continued																		
Area 2b	12,786	9,506	29.4	100.0	100.0	100.0	217	1,720,740	6.03	2.78	3,731	4.9	100.0	100.0	100.0	3,749	273,841	5.79
Commercial farms	11,715	9,235	29.8	97.1	98.6	98.7	217	1,698,105	6.03	2.78	3,665	4.9	98.2	98.7	98.7	3,749	269,411	5.77
Class I	67	55	49.9	0.6	2.8	2.3	263	52,617	8.06	3.07	12	1.9	0.3	0.7	0.5	4,893	1,506	6.22
Class II	944	898	46.2	9.4	23.0	23.4	213	390,178	5.83	2.74	477	6.3	12.8	23.1	19.2	4,512	60,295	6.64
Class III	4,133	3,787	31.8	39.8	44.4	43.9	219	770,990	6.16	2.81	1,731	6.0	46.4	46.2	50.3	3,437	126,005	5.29
Class IV	4,450	3,465	22.6	36.5	23.5	24.0	212	397,500	5.81	2.74	1,145	3.7	30.7	24.2	23.7	3,819	70,085	6.24
Class V	1,661	870	16.4	9.2	4.4	4.5	210	78,290	6.03	2.87	265	2.6	7.1	4.1	4.4	3,474	10,410	4.98
Class VI	460	160	13.9	1.7	0.6	0.6	199	8,530	4.73	2.37	35	1.9	0.9	0.5	0.5	3,796	1,110	4.53
Other farms	1,071	271	15.5	2.9	1.4	1.3	233	22,635	6.13	2.63	66	2.5	1.8	1.3	1.3	3,717	4,430	7.38
Area 3	11,684	9,635	34.2	100.0	100.0	100.0	189	2,447,329	5.69	3.01	2,896	4.7	100.0	100.0	100.0	5,075	353,347	5.93
Commercial farms	11,079	9,485	34.3	98.4	99.3	99.2	189	2,430,814	5.70	3.01	2,876	4.8	99.3	99.9	99.4	5,096	352,697	5.95
Class I	153	146	41.4	1.5	5.0	4.3	221	129,723	7.00	3.16	60	13.8	2.1	11.5	10.4	5,617	36,367	5.87
Class II	2,447	2,322	40.2	24.1	38.2	38.1	190	943,821	5.76	3.04	896	5.7	30.9	40.8	39.3	5,265	153,775	6.56
Class III	4,745	4,305	34.4	44.7	41.4	42.6	184	1,013,760	5.54	3.01	1,285	4.1	44.4	35.6	36.4	4,973	119,445	5.51
Class IV	2,544	1,992	24.7	20.7	12.1	11.4	200	288,435	5.88	2.93	470	3.1	16.2	9.9	10.2	4,929	35,145	5.79
Class V	940	615	21.1	6.4	2.3	2.5	174	49,955	4.64	2.66	150	3.6	5.2	2.0	3.1	3,280	7,720	4.24
Class VI	250	105	14.2	1.1	0.2	0.3	164	5,120	4.55	2.78	15	1.1	0.5	0.1	0.1	2,706	245	2.88
Other farms	605	150	25.7	1.6	0.7	0.8	168	16,515	4.67	2.78	20	2.4	0.7	0.1	0.6	1,343	650	1.94
Area 4	20,065	13,821	26.3	100.0	100.0	100.0	219	2,488,429	6.51	2.98	6,493	5.9	100.0	100.0	100.0	4,224	688,303	8.08
Commercial farms	17,804	13,090	26.9	94.7	96.8	97.4	217	2,411,758	6.48	2.98	6,308	6.0	97.2	97.2	97.5	4,210	669,222	8.06
Class I	67	37	50.9	0.3	2.6	1.4	424	68,096	13.19	3.11	8	7.0	0.1	1.4	0.8	6,828	8,914	12.47
Class II	700	669	41.0	4.8	12.7	12.8	219	311,850	6.40	2.93	419	8.6	6.5	14.5	12.0	5,114	85,059	8.31
Class III	4,783	4,446	32.6	32.2	40.7	42.4	210	1,014,335	6.25	2.98	2,355	7.2	36.3	41.0	41.9	4,140	288,865	8.10
Class IV	7,373	5,637	23.5	40.8	31.6	31.8	217	802,918	6.61	3.04	2,596	5.4	40.0	31.6	33.1	4,044	223,049	7.92
Class V	3,836	1,976	14.7	14.3	7.8	7.7	220	178,969	6.08	2.76	815	3.6	12.6	7.7	8.4	3,855	56,880	7.91
Class VI	1,045	325	13.5	2.4	1.4	1.4	225	35,590	6.73	3.00	115	2.8	1.8	0.9	1.3	2,927	6,455	5.92
Other farms	2,261	731	13.4	5.3	3.2	2.6	271	76,671	7.86	2.90	185	2.9	2.8	2.8	2.5	4,778	19,081	9.00
Area 5	9,747	6,754	27.1	100.0	100.0	100.0	244	1,782,783	6.96	2.86	3,021	4.8	100.0	100.0	100.0	3,540	256,996	5.69
Commercial farms	8,041	6,163	28.9	91.2	97.2	97.2	243	1,733,763	6.96	2.86	2,856	5.1	94.5	96.7	96.4	3,552	249,421	5.73
Class I	74	74	45.4	1.1	14.8	5.0	724	280,826	22.04	3.04	27	3.2	0.9	1.9	2.0	3,389	4,991	5.48
Class II	491	456	42.4	6.8	16.1	16.6	237	295,585	6.96	2.94	200	5.4	6.6	14.2	11.9	4,203	33,005	6.12
Class III	1,723	1,588	35.7	23.5	28.1	32.8	208	501,252	5.96	2.86	818	5.7	27.1	33.4	29.8	3,967	85,430	6.34
Class IV	3,014	2,474	26.2	36.6	27.0	30.5	216	456,250	5.85	2.71	1,171	5.2	38.8	33.4	34.5	3,423	86,280	5.53
Class V	1,904	1,246	17.2	18.4	9.4	10.3	223	169,530	6.43	2.89	545	4.3	18.0	12.1	14.5	2,950	33,585	5.12
Class VI	835	325	11.2	4.8	1.8	2.1	214	30,320	5.65	2.64	95	3.3	3.1	1.7	3.6	1,682	6,130	3.82
Other farms	1,706	591	8.6	8.8	2.8	2.8	245	49,020	6.89	2.81	165	2.0	5.5	3.3	3.6	3,226	7,575	4.62
Area 6	14,522	9,399	25.1	100.0	100.0	100.0	258	2,076,192	7.54	2.93	2,161	2.4	100.0	100.0	100.0	2,650	136,062	5.19
Commercial farms	12,741	8,888	25.8	94.6	97.1	97.5	257	2,018,997	7.52	2.93	2,070	2.4	95.8	96.3	95.6	2,668	130,882	5.22
Class I	56	51	64.8	0.5	9.4	4.4	547	198,933	16.24	2.97	5	0.3	0.2	0.2	0.2	3,000	175	3.50
Class II	623	588	36.7	6.3	12.7	12.8	257	282,930	8.06	3.13	168	2.8	7.8	13.2	10.2	3,436	14,629	5.48
Class III	3,570	3,078	31.2	32.7	38.8	42.5	236	814,869	6.97	2.96	857	3.0	39.7	43.2	43.6	2,627	55,543	4.86
Class IV	5,026	3,496	20.9	37.2	27.2	28.9	243	544,820	6.85	2.82	765	2.1	35.4	29.2	31.2	2,474	46,255	5.65
Class V	2,611	1,420	15.7	15.1	7.8	7.8	259	155,090	7.24	2.79	240	1.6	11.1	7.7	8.3	2,485	12,040	5.56
Class VI	855	255	9.2	2.7	1.1	1.1	238	22,355	7.09	2.97	35	1.7	1.6	2.8	2.2	3,381	2,240	3.96
Other farms	1,781	511	12.2	5.4	2.9	2.5	301	57,195	8.40	2.79	91	2.1	4.2	3.7	4.4	2,252	5,180	4.50
Area 7	19,513	10,781	23.0	100.0	100.0	100.0	219	2,392,478	6.29	2.87	3,016	2.5	100.0	100.0	100.0	1,572	93,074	2.23
Commercial farms	17,654	10,272	23.1	95.3	97.9	98.5	218	2,345,071	6.26	2.88	2,984	2.5	98.9	98.0	98.4	1,567	91,607	2.23
Class I	93	88	42.1	0.8	4.6	3.8	264	114,136	7.80	2.95	27	4.3	0.9	1.7	3.5	761	1,657	1.12
Class II	2,008	1,792	37.3	16.6	31.3	32.1	214	771,135	6.32	2.96	550	3.5	18.2	30.7	27.2	1,769	25,185	2.22
Class III	6,598	4,592	22.7	42.6	40.1	40.6	217	951,635	6.17	2.85	1,532	2.9	50.8	45.5	47.5	1,504	45,065	2.27
Class IV	6,135	2,850	15.1	26.4	17.5	17.8	215	407,125	6.00	2.79	720	1.5	23.9	16.7	16.4	1,602	15,645	2.29
Class V	2,260	815	12.0	7.6	3.9	3.6	238	88,395	6.45	2.71	140	1.0	4.6	3.0	2.7	1,754	3,685	3.23
Class VI	560	135	11.7	1.3	0.5	0.5	199	12,645	6.59	3.31	15	2.3	0.5	0.4	0.9	753	370	0.96
Other farms	1,859	509	15.9	4.7	2.1	1.5	298	47,407	8.10	2.72	32	1.9	1.1	2.0	1.6	1,886	1,467	2.14
Areas 8 and B	27,109	21,101	41.9	100.0	100.0	100.0	212	7,098,753	6.46	3.05	5,732	3.8	100.0	100.0	100.0	4,235	513,829	5.18
Commercial farms	24,183	20,007	42.2	94.8	98.5	98.7	212	6,999,293	6.46	3.05	5,609	3.8	97.9	98.5	98.3	4,240	506,763	5.20
Class I	560	516	63.7	2.4	15.7	12.4	268	1,149,421	8.41	3.14	190	4.5	3.3	13.3	9.7	5,813	64,583	6.72
Class II	5,188	4,956	49.7	23.5	35.9	36.7	208	2,650,257	6.58	3.17	1,964	5.2	34.3	43.9	42.8	4,347	231,030	5.45
Class III	9,485	8,565	39.3	40.6	32.7	35.5	195	2,226,800	5.72	2.93	2,420	3.5	42.2	31.4	34.6	3,845	160,045	4.67
Class IV	5,670	4,210	29.4	20.0	10.5	10.9	204	724,480	6.06	2.97	775	2.0	13.5	7.3	8.4	3,674	37,395	4.51
Class V	2,510	1,515	25.8	7.2	3.3	2.9	243	223,555	7.08	2.91	235	2.2	4.1	2.4	2.8	3,684	12,950	4.70
Class VI	770	245	16.9	1.2	0.4	0.3	232	24,780	6.87	2.96	25	0.8	0.4	0.2	0.2	4,765	760	4.47
Other farms	2,926	1,094	27.3	5.2	1.5	1.3	244	99,460	6.74	2.76	123	3.1	2.1	1.5	1.7	3,938	7,066	4.28
Areas 9 and C	4,151	3,006	49.7	100.0	100.0	100.0	331	1,390,079	9.56	2.89	397	2.3	100.0	100.0	100.0	2,115	30,135	4.41
Commercial farms	2,900	2,480	51.1	82.5	95.8	95.7	331	1,337,114	9.61	2.90	377	2.5	95.0	98.5	98.8	2,107	29,445	4.36
Class I	135	110	53.1	3.7	17.0	9.2	613	234,709	17.64	2.88	12	3.6	3.0	23.2	13.3	3,684	4,860	5.33
Class II	505	475	61.2	15.8	32.9	32.3	336	466,840	9.93	2.95	125	5.1	31.5	39.1	57.3	1,444	14,425	3.68
Class III	990	910	48.3	30.3	29.2	33.2	291	410,555	8.50	2.92	145	1.0	36.5	20.0	14.7	2,876	5,015	4.99
Class IV	620	530	46.1	17.6	10.5	13.6	257	135,850	6.89	2.69	55	0.9	13.9	4.4	5.6	1,658	2,150	5.66
Class V	505	370	41.7	12.3	5.4	6.6	273	77,825	8.14	2.98	40	2.4	10.1	11.8	8.0	3,138	2,995	5.50
Class VI	145	85	27.1	2.8	0.8	0.9	314	11,335	8.89	2.83	...	...	...	...	...	...	...	...
Other farms	1,251	526	30.9	17.5	4.2	4.3	322	52,965	8.51	2.64	20	0.4	5.0	1.5	1.2	2,750	690	8.62
Wyoming, total	11,355	2,289	4.2	100.0	100.0	100.0	194	1,001,481	8.25	4.25	7	(Z)	100.0	100.0	100.0	1,321	1,958	2.05
Commercial farms	9,633	2,169	4.4	94.8	98.9	98.9	194	991,756	8.26	4.25	7	(Z)	100.0	100.0	100.0	1,321	1,958	2.05
Class I	941	229	4.3	10.0	23.3	24.2	186	230,651	7.84	4.21	1	(Z)	14.3	47.5	31.4	2,000	1,188	3.96
Class II	1,952	620	5.2	27.1	35.0	32.3	211	354,941	9.06	4.30	5	0.1	71.4	51.5	66.5	1,024	750	1.18
Class III	2,558	698	4.4	30.5	24.9	24.2	199	253,378	8.61	4.32	1	(Z)	14.3	1.0	2.1	600	20	1.00
Class IV	2,179	439	4.1	19.2	12.1	14.3	164	117,935	6.82	4.15	...	...	...	...	...	...	...	...
Class V	1,434	151	2.1	6.6	3.2	3.3	185	28,831	7.17	3.88	...	...	...	...	...	...	...	...
Class VI	569	32	1.3	1.4	0.6	0.6	195	6,020	8.64	4.43	...	...	...	...	...	...	...	...
Other farms	1,722	120	1.3	5.2	1.1	1.1	185	9,725	7.07	3.83	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 4.–USE AND EXPENDITURES FOR FERTILIZER AND LIME BY ECONOMIC CLASS OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and economic class of farm	Total number of farms	Fertilizer								Lime							
		Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
				Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Wyoming—Continued																		
Area 1	2,271	145	0.7	100.0	100.0	100.0	215	40,757	6.70	3.11	...	...	...	...	...	...	...	...
Commercial farms	1,921	134	0.7	92.4	99.4	98.9	217	40,395	6.72	3.10	...	...	...	...	...	...	...	...
Class I	288	15	0.5	10.3	18.6	23.0	175	7,692	5.50	3.15	...	...	...	...	...	...	...	...
Class II	350	33	1.0	22.8	37.3	36.2	222	14,598	6.64	2.99	...	...	...	...	...	...	...	...
Class III	494	57	0.9	39.3	27.0	25.4	229	10,529	6.82	2.97	...	...	...	...	...	...	...	...
Class IV	411	13	0.4	9.0	2.7	5.2	114	1,898	6.03	5.27	...	...	...	...	...	...	...	...
Class V	308	16	1.5	11.0	13.7	9.1	324	5,678	10.23	3.15	...	...	...	...	...	...	...	...
Class VI	70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other farms	350	11	0.3	7.6	0.6	1.1	116	362	5.25	4.52	...	...	...	...	...	...	...	...
Area 2a	4,230	1,413	12.1	100.0	100.0	100.0	191	649,760	8.22	4.30	5	0.1	100.0	100.0	100.0	1,024	750	1.18
Commercial farms	3,318	1,320	12.6	93.4	98.8	98.9	191	642,695	8.22	4.30	5	0.1	100.0	100.0	100.0	1,024	750	1.18
Class I	259	137	15.0	9.7	23.7	25.2	180	154,427	7.76	4.31	...	...	...	...	...	...	...	...
Class II	702	380	16.3	26.9	36.8	33.1	213	244,212	9.34	4.39	5	0.4	100.0	100.0	100.0	1,024	750	1.18
Class III	822	374	11.1	26.5	20.8	20.4	195	136,735	8.47	4.35	...	...	...	...	...	...	...	...
Class IV	813	325	11.9	23.0	14.5	17.0	163	88,838	6.61	4.05	...	...	...	...	...	...	...	...
Class V	479	88	4.8	6.2	2.7	3.0	172	16,713	6.99	4.06	...	...	...	...	...	...	...	...
Class VI	243	16	1.0	1.1	0.3	0.2	214	1,770	9.47	4.42	...	...	...	...	...	...	...	...
Other farms	912	93	2.7	6.6	1.2	1.1	209	7,065	8.30	3.97	...	...	...	...	...	...	...	...
Area 2b	4,854	731	2.7	100.0	100.0	100.0	197	310,964	8.58	4.35	2	(Z)	100.0	100.0	100.0	1,912	1,208	3.78
Commercial farms	4,394	715	2.7	97.8	99.0	98.7	198	308,666	8.62	4.36	2	(Z)	100.0	100.0	100.0	1,912	1,208	3.78
Class I	394	77	3.3	10.5	23.2	22.4	204	68,532	8.44	4.14	1	0.1	50.0	98.0	93.8	2,000	1,188	3.96
Class II	900	207	3.0	28.3	30.7	29.8	203	96,131	8.89	4.38	...	...	...	...	...	...	...	...
Class III	1,242	267	3.4	36.5	33.1	32.4	201	106,114	9.03	4.49	1	(Z)	50.0	2.0	6.2	600	20	1.00
Class IV	955	101	1.6	13.8	8.6	9.8	173	27,199	7.68	4.43	...	...	...	...	...	...	...	...
Class V	647	47	1.0	6.4	2.1	3.0	142	6,440	6.00	4.24	...	...	...	...	...	...	...	...
Class VI	256	16	2.0	2.2	1.3	1.4	188	4,250	8.33	4.43	...	...	...	...	...	...	...	...
Other farms	460	16	1.0	2.2	1.0	1.3	149	2,298	5.05	3.38	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954

State, economic area, and tenure of operator	Fertilizer									Lime							
			Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)					Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used	Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
United States, total	2,294,961	26.0	100.0	100.0	100.0	307	1,024,105,436	8.81	2.87	450,850	2.2	100.0	100.0	100.0	3,328	65,021,932	6.65
Owners, part owners, and managers	1,585,383	25.1	69.1	74.0	72.1	314	755,140,673	9.01	2.87	371,155	2.4	82.3	78.6	80.7	3,241	52,447,574	6.64
Cash tenants	62,292	30.4	2.7	2.7	2.5	336	28,916,096	9.97	2.97	8,549	1.8	1.9	1.7	1.8	3,109	1,136,154	6.52
All share tenants	390,485	25.4	17.0	16.2	20.0	249	175,288,592	7.55	3.03	59,623	1.6	13.2	18.1	15.4	3,895	10,210,458	6.76
Croppers (South only)	214,190	68.8	9.3	5.6	3.9	435	49,883,114	10.94	2.52	5,889	1.2	1.3	0.5	0.8	1,936	412,638	5.38
Other tenants	42,611	31.0	1.9	1.5	1.5	315	14,876,961	8.69	2.76	5,634	2.3	1.2	1.2	1.3	3,173	815,108	6.54
Alabama, total	89,346	62.1	100.0	100.0	100.0	409	35,036,378	8.55	2.09	5,209	3.0	100.0	100.0	100.0	1,807	1,001,520	5.12
Owners, part owners, and managers	50,551	57.1	56.6	69.1	66.9	422	24,191,193	8.82	2.09	4,298	3.5	82.5	86.3	86.2	1,809	850,000	5.04
Cash tenants	7,413	64.8	8.3	5.0	5.4	375	1,773,342	8.00	2.13	140	1.9	2.7	3.4	3.4	1,792	34,999	5.28
All share tenants	14,611	76.3	16.4	13.8	15.0	375	4,887,978	7.94	2.12	466	1.6	8.9	7.0	6.5	1,924	69,398	5.43
Croppers	12,764	85.6	14.3	9.3	9.8	389	3,183,979	7.95	2.04	213	0.8	4.1	1.9	1.9	1,759	22,380	5.94
Other tenants	4,007	63.7	4.5	2.8	2.9	393	999,886	8.36	2.13	92	2.0	1.8	1.5	2.0	1,401	24,743	6.47
Area 1	13,284	64.5	100.0	100.0	100.0	367	4,618,765	7.20	1.96	920	3.2	100.0	100.0	100.0	2,356	146,531	4.64
Owners, part owners, and managers	6,613	59.0	49.8	59.2	58.7	370	2,776,344	7.37	1.99	733	4.1	79.7	83.5	83.3	2,361	121,844	4.63
Cash tenants	120	56.7	0.9	1.4	1.3	395	68,630	8.16	2.06	2	0.4	0.2	0.2	0.2	2,833	425	7.08
All share tenants	2,829	69.3	21.3	21.8	22.7	353	979,761	6.73	1.91	144	2.2	15.7	14.8	14.8	2,365	21,112	4.53
Croppers	3,235	91.1	24.4	14.2	13.8	375	629,440	7.08	1.89	36	0.5	3.9	1.4	1.7	2,000	3,050	5.81
Other tenants	487	67.2	3.7	3.5	3.5	366	164,590	7.39	2.02	5	0.1	0.5	0.1	0.1	2,000	100	4.00
Area 2	15,880	76.8	100.0	100.0	100.0	447	5,781,491	10.46	2.34	550	2.0	100.0	100.0	100.0	1,954	66,113	4.58
Owners, part owners, and managers	10,149	74.1	63.9	64.9	63.3	458	3,776,467	10.79	2.36	445	2.6	80.9	81.5	84.6	1,884	50,043	4.10
Cash tenants	195	78.0	1.2	1.0	0.9	477	52,695	10.31	2.16	...	...	...	...	...	...	...	...
All share tenants	3,571	81.2	22.5	23.3	24.8	419	1,356,485	9.88	2.36	40	0.6	7.3	8.0	6.5	2,392	7,040	7.45
Croppers	1,506	85.5	9.5	8.2	8.1	450	445,735	9.94	2.21	40	0.9	7.3	4.0	3.4	2,283	3,210	6.48
Other tenants	459	80.9	2.9	2.6	2.8	418	150,109	9.66	2.31	25	4.1	4.5	6.4	5.4	2,318	5,820	7.41
Areas 3 and A	6,536	57.6	100.0	100.0	100.0	420	2,450,514	9.02	2.15	461	4.0	100.0	100.0	100.0	1,824	83,231	4.40
Owners, part owners, and managers	4,187	52.7	64.1	69.8	68.5	428	1,700,007	9.14	2.13	436	5.1	94.6	91.7	94.9	1,762	75,413	4.21
Cash tenants	222	46.8	3.4	2.6	3.0	365	63,440	7.74	2.12	1	0.4	0.2	0.7	0.3	3,846	475	7.31
All share tenants	1,080	75.8	16.5	14.1	15.5	380	353,574	8.37	2.20	18	1.2	3.9	5.6	3.5	2,890	5,143	7.68
Croppers	812	84.1	12.4	10.2	10.0	426	250,825	9.22	2.16	1	0.1	0.2	0.1	0.2	1,333	140	4.67
Other tenants	235	60.6	3.6	3.3	3.0	467	82,668	10.26	2.20	5	1.5	1.1	1.9	1.1	3,250	2,060	10.30
Areas 4 and B	5,780	48.1	100.0	100.0	100.0	394	1,773,715	8.59	2.1[a]	443	3.8	100.0	100.0	100.0	1,738	99,806	6.06
Owners, part owners, and managers	3,334	43.3	57.7	70.3	68.4	405	1,238,094	8.77	2.17	402	4.6	90.7	89.9	90.9	1,719	90,311	6.03
Cash tenants	608	62.3	10.5	6.6	7.4	349	118,515	7.72	2.22	25	1.1	5.6	1.6	1.7	1,607	1,460	5.21
All share tenants	555	57.0	9.6	6.9	7.4	367	125,390	8.22	2.24	5	3.7	1.1	7.0	6.1	2,000	7,000	7.00
Croppers	789	72.6	13.7	10.9	11.1	387	194,311	8.49	2.19	11	0.7	2.5	1.5	1.3	2,000	1,035	4.70
Other tenants	494	58.9	8.5	5.4	5.7	372	97,405	8.23	2.21	...	...	...	...	...	...	...	...
Area 5	11,740	59.4	100.0	100.0	100.0	397	4,047,817	8.48	2.14	518	3.2	100.0	100.0	100.0	1,902	139,079	5.33
Owners, part owners, and managers	7,337	55.5	62.5	73.1	71.1	409	2,948,362	8.70	2.13	435	3.5	84.0	84.6	81.5	1,974	118,161	5.55
Cash tenants	880	58.7	7.5	5.1	5.5	365	208,586	7.92	2.17	26	7.0	5.0	12.7	12.1	2,000	15,430	4.89
All share tenants	1,569	75.6	13.4	10.0	11.4	350	418,578	7.72	2.20	16	0.2	3.1	0.6	0.6	1,775	1,608	9.51
Croppers	1,418	86.9	12.1	7.9	8.6	366	320,725	7.84	2.14	20	0.4	3.9	0.6	0.8	1,512	1,075	5.24
Other tenants	536	58.0	4.6	3.9	3.5	448	151,566	9.15	2.04	21	4.5	4.1	1.5	4.9	560	2,805	2.18
Areas 6 and C	12,889	41.9	100.0	100.0	100.0	396	4,403,855	7.77	1.96	434	2.3	100.0	100.0	100.0	1,802	160,980	5.29
Owners, part owners, and managers	4,944	37.7	38.4	74.6	73.3	403	3,186,243	7.68	1.90	404	2.6	93.1	94.8	93.7	1,823	151,127	5.31
Cash tenants	3,161	56.1	24.5	10.7	11.4	371	509,427	7.88	2.13	18	1.4	4.1	4.6	5.2	1,602	7,799	4.98
All share tenants	1,759	64.5	13.6	5.4	5.7	374	258,767	7.96	2.13	3	0.2	0.7	0.3	0.3	2,000	580	6.59
Croppers	1,842	70.5	14.3	6.0	5.8	409	279,632	8.55	2.09	3	0.5	0.7	0.3	0.8	575	1,423	5.93
Other tenants	1,183	55.3	9.2	3.3	3.8	347	169,786	7.88	2.27	6	0.1	1.4	0.1	0.1	1,576	51	1.55
Area 7a	18,541	76.6	100.0	100.0	100.0	380	8,634,116	7.80	2.05	1,513	3.2	100.0	100.0	100.0	1,366	232,070	5.07
Owners, part owners, and managers	10,009	72.1	54.0	63.0	61.7	388	5,490,954	8.04	2.07	1,102	3.8	72.8	79.0	79.2	1,363	175,495	4.84
Cash tenants	1,925	80.5	10.4	7.0	7.4	363	628,259	7.69	2.12	57	1.1	3.8	2.6	2.4	1,474	7,185	6.58
All share tenants	3,062	85.0	16.5	15.8	16.4	365	1,331,790	7.32	2.00	229	2.4	15.1	10.0	11.0	1,231	24,640	4.87
Croppers	3,036	90.2	16.4	12.3	12.6	373	1,027,158	7.37	1.98	101	1.3	6.7	5.5	4.4	1,711	12,125	6.05
Other tenants	509	71.8	2.7	1.9	1.9	372	155,955	7.43	1.99	24	4.7	1.6	2.9	3.0	1,332	12,625	9.18
Area 7b	1,872	53.6	100.0	100.0	100.0	344	488,156	7.57	2.20	57	1.5	100.0	100.0	100.0	1,662	11,607	6.40
Owners, part owners, and managers	1,434	51.4	76.6	86.8	85.3	350	423,719	7.70	2.20	57	1.7	100.0	100.0	100.0	1,662	11,607	6.40
Cash tenants	176	62.5	9.4	6.1	6.7	315	30,795	7.14	2.26	...	...	...	...	...	...	...	...
All share tenants	130	88.2	6.9	3.1	3.8	280	16,645	6.74	2.41	...	...	...	...	...	...	...	...
Croppers	85	99.1	4.5	2.3	2.6	312	10,020	6.02	1.93	...	...	...	...	...	...	...	...
Other tenants	47	51.3	2.5	1.6	1.6	342	6,977	6.86	2.00	...	...	...	...	...	...	...	...
Areas 8 and D	2,824	78.4	100.0	100.0	100.0	662	2,837,949	13.41	2.03	313	3.8	100.0	100.0	100.0	1,755	62,103	6.10
Owners, part owners, and managers	2,544	79.6	90.1	93.5	92.7	667	2,651,003	13.51	2.02	284	3.8	90.7	91.2	92.4	1,731	55,999	5.96
Cash tenants	126	75.3	4.5	3.2	3.6	593	92,995	12.37	2.09	11	4.2	3.5	3.3	4.1	1,422	2,225	5.36
All share tenants	56	64.8	2.0	1.6	1.9	564	46,988	11.62	2.06	11	3.0	3.5	3.7	1.8	3,589	2,275	12.30
Croppers	41	49.6	1.5	0.9	1.0	607	26,133	12.67	2.09	1	1.2	0.3	0.5	0.5	1,840	322	6.44
Other tenants	57	57.5	2.0	0.8	0.9	622	20,830	11.41	1.83	6	3.8	1.9	1.3	1.2	1,917	1,282	10.60
Arizona, total	3,074	52.0	100.0	100.0	100.0	312	12,266,614	15.65	5.02	13	(Z)	100.0	100.0	100.0	1,721	3,875	5.75
Owners, part owners, and managers	2,467	50.8	80.3	84.7	83.7	316	10,320,450	15.73	4.98	8	(Z)	61.5	56.9	62.9	1,557	2,875	6.78
Cash tenants	242	59.7	7.9	6.0	5.4	350	742,099	17.58	5.02	...	...	...	...	...	...	...	...
All share tenants	303	59.6	9.9	7.9	9.4	262	1,036,867	14.01	5.34	5	0.2	38.5	43.1	37.1	2,000	1,000	4.00
Other tenants	62	57.7	2.0	1.3	1.4	278	167,198	14.79	5.31	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Arizona—Continued																	
Area 1	154	5.4	100.0	100.0	100.0	197	64,928	8.08	4.10	...	...	...	...	...	...	...	...
Owners, part owners, and managers	144	3.4	93.5	59.6	61.5	191	43,653	8.84	4.62	...	...	...	...	...	...	...	...
Cash tenants	1	52.1	0.6	6.3	6.8	182	3,750	6.82	3.75	...	...	...	...	...	...	...	...
All share tenants	2	62.3	1.3	15.8	20.0	155	8,325	5.17	3.33	...	...	...	...	...	...	...	...
Other tenants	7	46.3	4.5	18.3	11.6	310	9,200	9.84	3.17	...	...	...	...	...	...	...	...
Area A	1,429	62.2	100.0	100.0	100.0	314	5,569,904	15.80	5.03	5	(Z)	100.0	100.0	100.0	1,000	375	1.88
Owners, part owners, and managers	1,169	61.4	81.8	89.1	88.1	318	4,966,923	15.99	5.04	5	(Z)	100.0	100.0	100.0	1,000	375	1.88
Cash tenants	138	68.8	9.7	5.5	5.5	312	302,149	15.48	4.97	...	...	...	...	...	...	...	...
All share tenants	102	66.7	7.1	4.6	5.4	266	246,999	12.90	4.86	...	...	...	...	...	...	...	...
Other tenants	20	81.3	1.4	0.8	1.0	262	53,833	15.86	6.06	...	...	...	...	...	...	...	...
Area 2a	1,006	60.5	100.0	100.0	100.0	328	5,712,119	16.51	5.03	3	(Z)	100.0	100.0	100.0	2,054	2,500	11.16
Owners, part owners, and managers	785	60.6	78.0	81.3	80.8	330	4,583,818	16.41	4.97	3	(Z)	100.0	100.0	100.0	2,054	2,500	11.16
Cash tenants	69	56.3	6.9	6.9	5.2	436	380,620	21.21	4.87	...	...	...	...	...	...	...	...
All share tenants	121	61.7	12.0	10.1	12.1	275	644,840	15.43	5.62	...	...	...	...	...	...	...	...
Other tenants	31	63.4	3.1	1.7	2.0	286	102,841	15.12	5.29	...	...	...	...	...	...	...	...
Area 2b	485	35.3	100.0	100.0	100.0	242	919,663	11.91	4.93	5	0.1	100.0	100.0	100.0	2,000	1,000	4.00
Owners, part owners, and managers	369	33.9	76.1	81.8	79.5	249	726,056	11.83	4.76	...	...	...	...	...	...	...	...
Cash tenants	34	44.9	7.0	4.2	5.4	186	55,580	13.23	7.13	...	...	...	...	...	...	...	...
All share tenants	78	45.6	16.1	13.9	14.8	227	136,703	11.94	5.27	5	1.0	100.0	100.0	100.0	2,000	1,000	4.00
Other tenants	4	6.4	0.8	0.1	0.2	139	1,324	7.65	5.52	...	...	...	...	...	...	...	...
Arkansas, total	67,174	35.6	100.0	100.0	100.0	235	20,790,428	7.57	3.23	2,878	0.9	100.0	100.0	100.0	2,986	419,415	6.10
Owners, part owners, and managers	33,827	30.9	50.4	61.5	60.6	238	12,544,341	7.54	3.16	2,548	1.1	88.5	87.6	88.0	2,971	373,474	6.17
Cash tenants	1,372	38.4	2.0	2.8	2.8	232	616,901	7.96	3.42	10	0.2	0.3	0.9	0.6	4,574	4,484	10.55
All share tenants	13,476	43.1	20.1	22.0	22.8	227	4,638,439	7.42	3.28	191	0.4	6.6	9.4	9.4	2,991	32,507	5.03
Croppers	17,287	63.1	25.7	11.9	11.9	235	2,620,096	8.03	3.41	101	0.1	3.5	0.7	0.9	2,346	3,460	5.54
Other tenants	1,212	36.8	1.8	1.8	1.9	219	370,651	7.07	3.22	28	0.5	1.0	1.3	1.0	3,800	5,490	7.62
Area 1a	2,763	27.0	100.0	100.0	100.0	233	505,126	6.33	2.72	336	2.2	100.0	100.0	100.0	3,473	34,960	5.42
Owners, part owners, and managers	2,582	27.0	93.4	93.5	92.9	234	471,375	6.37	2.72	316	2.2	94.0	91.9	94.0	3,413	32,365	5.34
Cash tenants	75	29.2	2.7	2.5	3.0	192	14,865	6.22	3.23	5	2.3	1.5	4.1	2.9	4,842	1,385	7.29
All share tenants	51	31.3	1.8	2.6	2.5	233	12,221	6.02	2.58	15	3.1	4.5	3.6	3.1	4,000	1,210	6.05
Croppers	10	20.9	0.4	0.2	0.2	184	1,075	5.81	3.16	...	...	...	...	...	...	...	...
Other tenants	45	20.6	1.6	1.3	1.4	226	5,590	5.13	2.27	...	...	...	...	...	...	...	...
Area 1b	4,308	14.4	100.0	100.0	100.0	262	548,702	6.52	2.48	521	0.9	100.0	100.0	100.0	3,346	39,095	7.23
Owners, part owners, and managers	4,044	14.0	93.9	92.4	92.6	262	505,572	6.49	2.48	495	0.9	95.0	94.9	94.7	3,354	37,564	7.34
Cash tenants	17	4.7	0.4	0.2	0.3	199	975	4.41	2.22	...	...	...	...	...	...	...	...
All share tenants	116	22.5	2.7	2.2	2.6	224	12,100	5.54	2.47	10	0.5	1.9	1.0	0.8	4,000	180	4.00
Croppers	61	22.3	1.4	1.5	1.6	252	10,360	7.76	3.08	10	1.7	1.9	2.3	1.9	4,100	695	6.95
Other tenants	70	27.6	1.6	3.6	3.0	319	19,695	7.86	2.47	6	1.5	1.2	1.8	2.6	2,314	656	4.69
Area 2	3,010	22.4	100.0	100.0	100.0	247	691,418	7.01	2.84	260	1.3	100.0	100.0	100.0	2,725	27,004	4.88
Owners, part owners, and managers	2,699	22.5	89.7	90.6	90.4	248	625,533	7.02	2.83	248	1.3	95.4	93.0	95.3	2,658	25,212	4.78
Cash tenants	60	17.2	2.0	1.3	1.1	293	9,115	8.25	2.81	...	...	...	...	...	...	...	...
All share tenants	185	25.0	6.1	6.9	7.0	243	46,720	6.80	2.80	1	0.1	0.4	(Z)	0.4	100	12	0.60
Croppers	30	14.0	1.0	0.4	0.4	230	3,235	7.44	3.24	5	1.9	1.9	0.3	1.1	667	150	2.50
Other tenants	36	13.8	1.2	0.8	1.0	203	6,815	6.71	3.31	6	2.5	2.3	6.8	3.3	5,667	1,630	9.06
Areas 3 and A	5,482	24.5	100.0	100.0	100.0	261	1,370,490	7.35	2.81	329	0.7	100.0	100.0	100.0	3,683	35,409	7.15
Owners, part owners, and managers	4,126	23.3	75.3	78.1	76.9	265	1,080,408	7.53	2.84	319	0.8	97.0	98.5	97.9	3,707	34,619	7.14
Cash tenants	96	25.8	1.8	1.5	1.7	233	20,282	6.36	2.73	...	...	...	...	...	...	...	...
All share tenants	869	30.4	15.9	15.9	16.9	246	213,080	6.76	2.74	10	0.1	3.0	1.5	2.1	2,571	790	7.52
Croppers	290	36.1	5.3	3.1	3.0	269	38,235	6.82	2.54	...	...	...	...	...	...	...	...
Other tenants	101	21.7	1.8	1.4	1.5	241	18,485	6.60	2.73	...	...	...	...	...	...	...	...
Area 4	1,523	15.8	100.0	100.0	100.0	236	248,721	6.22	2.63	223	1.8	100.0	100.0	100.0	2,551	23,793	5.08
Owners, part owners, and managers	1,452	16.2	95.3	96.7	96.9	236	241,601	6.24	2.65	218	1.9	97.8	98.5	98.7	2,545	23,428	5.07
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	40	10.5	2.6	1.6	1.5	249	3,410	5.59	2.24	...	...	...	...	...	...	...	...
Croppers	16	20.4	1.1	1.4	1.2	262	3,415	6.89	2.63	...	...	...	...	...	...	...	...
Other tenants	15	5.4	1.0	0.4	0.4	234	295	2.03	0.87	5	2.2	2.2	1.5	1.3	3,000	365	6.08
Area 5	3,129	31.5	100.0	100.0	100.0	233	787,476	6.18	2.65	129	1.1	100.0	100.0	100.0	1,645	15,885	3.46
Owners, part owners, and managers	2,164	28.7	69.2	70.9	71.5	231	559,300	6.14	2.66	112	1.4	86.8	93.4	96.3	1,595	14,645	3.31
Cash tenants	50	12.1	1.6	1.4	1.3	250	10,500	6.42	2.57	2	0.5	1.6	2.9	1.5	3,143	720	10.29
All share tenants	420	43.7	13.4	17.3	17.8	227	138,716	6.11	2.69	10	0.1	7.8	1.6	1.3	2,000	320	5.33
Croppers	430	63.9	13.7	9.1	8.1	259	69,135	6.66	2.57	...	...	...	...	...	...	...	...
Other tenants	65	31.2	2.1	1.4	1.3	251	9,825	6.06	2.42	5	0.8	3.9	2.1	0.9	4,000	200	5.00
Area 6	4,461	38.8	100.0	100.0	100.0	272	1,174,387	7.75	2.85	150	1.3	100.0	100.0	100.0	2,495	30,719	6.14
Owners, part owners, and managers	2,663	33.3	59.7	66.2	66.2	272	747,123	7.45	2.74	144	1.6	96.0	93.6	95.5	2,445	29,089	6.09
Cash tenants	91	29.4	2.0	1.8	1.4	348	19,429	8.89	2.56	...	...	...	...	...	...	...	...
All share tenants	972	55.9	21.8	21.8	22.9	259	277,130	8.00	3.09	6	0.4	4.0	6.4	4.5	3,556	1,630	7.24
Croppers	650	77.5	14.6	9.4	8.7	295	120,570	9.17	3.10	...	...	...	...	...	...	...	...
Other tenants	85	41.2	1.9	0.7	0.8	219	10,135	7.98	3.65	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Arkansas—Continued																	
Area 7a	15,978	36.8	100.0	100.0	100.0	229	5,048,084	7.44	3.25	564	0.9	100.0	100.0	100.0	3,089	86,982	5.53
Owners, part owners, and managers	6,258	33.0	39.2	49.8	49.9	229	2,549,131	7.53	3.29	401	1.1	71.1	70.2	72.8	2,977	64,768	5.66
Cash tenants	191	44.2	1.2	1.3	1.4	211	74,360	7.97	3.77	...	...	...	...	...	...	...	...
All share tenants	5,304	37.7	33.2	35.0	34.2	234	1,739,373	7.50	3.20	111	0.7	19.7	28.4	25.9	3,390	21,075	5.18
Croppers	3,858	58.5	24.1	11.7	12.5	215	577,960	6.82	3.18	51	0.1	9.0	0.9	0.7	4,152	900	8.57
Other tenants	367	41.0	2.3	2.2	2.1	245	107,260	7.54	3.07	1	0.3	0.2	0.5	0.6	2,520	239	2.39
Area 7b	3,761	44.5	100.0	100.0	100.0	207	2,476,583	7.54	3.65	94	0.5	100.0	100.0	100.0	3,734	38,149	10.44
Owners, part owners, and managers	1,988	39.1	52.9	57.0	56.6	208	1,371,685	7.38	3.54	93	0.8	98.9	98.5	98.6	3,731	37,549	10.42
Cash tenants	26	50.6	0.7	2.7	1.7	327	54,125	9.77	2.99	...	...	...	...	...	...	...	...
All share tenants	807	52.9	21.5	28.2	30.9	188	689,072	6.78	3.60	1	(Z)	1.1	1.5	1.4	3,961	600	11.76
Croppers	877	63.3	23.3	10.9	9.5	236	329,925	10.52	4.46	...	...	...	...	...	...	...	...
Other tenants	63	41.7	1.7	1.2	1.2	207	31,776	7.80	3.77	...	...	...	...	...	...	...	...
Area 8a	15,735	49.1	100.0	100.0	100.0	227	5,464,911	8.12	3.57	156	0.5	100.0	100.0	100.0	3,245	59,866	8.28
Owners, part owners, and managers	3,564	46.1	22.7	54.8	52.7	237	3,031,769	8.55	3.61	128	0.9	82.1	94.3	92.1	3,321	55,358	8.31
Cash tenants	643	44.5	4.1	6.1	6.6	209	331,379	7.45	3.56	2	(Z)	1.3	0.7	0.5	4,571	443	12.66
All share tenants	3,125	47.9	19.9	17.1	18.6	209	908,102	7.25	3.47	6	0.2	3.8	4.3	5.5	2,500	3,400	8.50
Croppers	8,138	66.3	51.7	19.6	19.5	228	1,062,131	8.07	3.53	20	0.1	12.8	0.8	1.9	1,333	665	4.93
Other tenants	265	41.3	1.7	2.4	2.6	208	131,530	7.51	3.61	...	...	...	...	...	...	...	...
Area 8b	7,024	47.7	100.0	100.0	100.0	249	2,474,530	8.33	3.35	116	0.9	100.0	100.0	100.0	2,501	27,553	4.97
Owners, part owners, and managers	2,287	40.4	32.6	55.6	57.4	241	1,360,844	7.98	3.31	74	0.9	63.8	71.0	66.7	2,663	18,877	5.11
Cash tenants	123	52.8	1.8	3.0	2.5	293	81,871	10.93	3.72	1	0.9	0.9	4.6	2.3	4,954	1,936	14.89
All share tenants	1,587	57.6	22.6	23.4	22.1	263	598,515	9.12	3.47	21	1.1	18.1	15.7	23.3	1,682	3,290	2.55
Croppers	2,927	75.0	41.7	16.9	15.9	264	404,055	8.57	3.24	15	0.4	12.9	2.9	4.1	1,778	1,050	4.67
Other tenants	100	63.0	1.4	1.2	2.1	142	29,245	4.72	3.32	5	2.0	4.3	5.8	3.6	4,000	2,400	12.00
California, total	40,956	28.5	100.0	100.0	100.0	421	62,364,157	16.29	3.87	1,770	0.5	100.0	100.0	100.0	3,842	796,647	11.45
Owners, part owners, and managers	35,865	28.2	87.6	83.2	84.6	414	51,574,217	15.93	3.85	1,569	0.5	88.6	90.8	87.2	3,999	735,986	12.13
Cash tenants	1,809	27.7	4.4	6.6	4.4	639	4,463,244	26.68	4.17	57	0.3	3.2	2.4	2.5	3,729	13,363	7.64
All share tenants	2,770	32.6	6.8	8.9	10.0	374	5,563,857	14.50	3.88	113	0.5	6.4	5.8	9.2	2,428	38,783	6.06
Other tenants	512	26.4	1.3	1.3	1.0	516	762,839	19.06	3.69	31	0.5	1.8	1.0	1.1	3,446	8,515	11.51
Area 1	780	10.0	100.0	100.0	100.0	370	294,715	11.46	3.10	93	0.6	100.0	100.0	100.0	2,061	23,629	14.99
Owners, part owners, and managers	650	10.1	83.3	84.6	84.0	372	260,732	12.07	3.24	71	0.4	76.3	65.5	61.3	2,203	15,962	16.52
Cash tenants	27	8.0	3.5	2.3	3.6	235	6,448	6.90	2.93	1	0.1	1.1	0.6	0.6	2,000	100	10.00
All share tenants	62	8.5	7.9	8.5	6.8	464	17,745	10.14	2.19	16	2.6	17.2	30.8	33.3	1,905	6,667	12.70
Other tenants	41	15.8	5.3	4.5	5.6	302	9,790	6.85	2.27	5	0.8	5.4	3.1	4.8	1,333	900	12.00
Area 2	1,000	11.6	100.0	100.0	100.0	332	374,135	10.84	3.26	38	0.3	100.0	100.0	100.0	1,995	9,279	10.48
Owners, part owners, and managers	932	12.7	93.2	92.7	92.6	332	342,931	10.73	3.23	38	0.4	100.0	100.0	100.0	1,995	9,279	10.48
Cash tenants	30	4.3	3.0	4.2	4.3	327	16,865	11.33	3.47	...	...	...	...	...	...	...	...
All share tenants	36	12.9	3.6	2.5	1.9	444	11,925	18.63	4.20	...	...	...	...	...	...	...	...
Other tenants	2	5.7	0.2	0.6	1.2	167	2,414	5.61	3.35	...	...	...	...	...	...	...	...
Areas A and B	3,467	17.9	100.0	100.0	100.0	622	3,770,935	24.88	4.00	109	0.8	100.0	100.0	100.0	3,067	51,108	7.33
Owners, part owners, and managers	2,974	18.4	85.8	83.9	82.7	631	3,117,001	24.88	3.94	99	1.0	90.8	99.7	99.0	3,088	50,468	7.31
Cash tenants	201	15.1	5.8	8.1	6.1	826	337,920	36.46	4.42	10	0.1	9.2	0.3	1.0	1,000	640	9.14
All share tenants	275	17.7	7.9	7.7	10.9	441	307,489	18.68	4.24	...	...	...	...	...	...	...	...
Other tenants	17	6.6	0.5	0.3	0.3	535	8,525	15.01	2.80	...	...	...	...	...	...	...	...
Area 3	1,583	17.3	100.0	100.0	100.0	950	6,105,069	33.26	3.50	64	0.2	100.0	100.0	100.0	2,391	18,637	7.78
Owners, part owners, and managers	1,137	15.6	71.8	68.9	70.0	935	4,139,579	32.19	3.44	46	0.3	71.9	70.0	90.8	1,842	14,797	6.80
Cash tenants	199	33.1	12.6	19.6	16.0	1,164	1,283,890	43.62	3.75	12	0.1	18.8	14.3	4.0	8,632	1,240	13.05
All share tenants	222	16.4	14.0	10.8	12.7	808	635,700	27.34	3.38	5	(Z)	7.8	5.2	1.0	12,000	500	20.00
Other tenants	25	25.8	1.6	0.7	1.3	501	45,900	19.90	3.97	1	1.1	1.6	10.5	4.2	6,000	2,100	21.00
Areas 4 and C	4,493	30.2	100.0	100.0	100.0	258	6,697,103	9.50	3.69	135	0.3	100.0	100.0	100.0	4,261	62,027	10.04
Owners, part owners, and managers	3,904	29.6	86.9	85.4	84.3	261	5,585,595	9.40	3.60	124	0.3	91.9	94.4	94.3	4,268	59,552	10.23
Cash tenants	114	16.0	2.5	1.2	1.0	276	87,758	11.57	4.19	5	0.3	3.7	0.3	2.0	560	420	3.36
All share tenants	425	38.9	9.5	13.1	14.2	238	995,474	9.93	4.18	6	0.1	4.4	5.3	3.7	6,096	2,055	8.93
Other tenants	50	12.5	1.1	0.4	0.4	237	28,276	10.15	4.28	...	...	...	...	...	...	...	...
Areas 5 and D	5,333	24.2	100.0	100.0	100.0	385	5,066,137	13.24	3.44	359	1.0	100.0	100.0	100.0	3,668	161,660	9.76
Owners, part owners, and managers	4,548	24.4	85.3	77.6	79.8	374	3,879,293	12.71	3.40	308	0.9	85.8	77.0	67.7	4,176	133,397	11.90
Cash tenants	292	19.2	5.5	6.0	6.5	359	290,597	11.73	3.27	8	0.5	2.2	5.1	3.5	5,355	5,585	9.63
All share tenants	399	28.0	7.5	13.6	12.5	421	751,666	15.77	3.75	28	2.6	7.8	15.9	26.5	2,204	18,738	4.26
Other tenants	94	15.0	1.8	2.8	1.3	871	144,581	30.16	3.46	15	1.2	4.2	1.9	2.3	3,079	3,940	10.37
Areas 6 and E	10,391	36.2	100.0	100.0	100.0	365	19,765,103	14.35	3.93	701	0.8	100.0	100.0	100.0	4,508	393,255	13.17
Owners, part owners, and managers	9,025	35.8	86.9	88.1	87.8	366	17,503,080	14.48	3.96	642	0.8	91.6	95.6	93.3	4,621	377,292	13.54
Cash tenants	305	28.6	2.9	2.4	2.0	438	458,109	16.90	3.86	13	0.8	1.9	1.7	2.4	3,164	4,825	6.64
All share tenants	947	43.0	9.1	8.6	9.2	342	1,650,523	13.02	3.80	36	0.4	5.1	2.1	3.7	2,639	9,563	8.75
Other tenants	114	40.9	1.1	0.9	1.0	331	153,391	10.78	3.26	10	0.5	1.4	0.5	0.6	3,676	1,575	8.51

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer								Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
California—Continued																	
Areas 7, F, G, and H	9,580	26.4	100.0	100.0	100.0	665	9,037,759	26.70	4.01	197	0.2	100.0	100.0	100.0	2,264	41,250	14.83
Owners, part owners, and managers	8,775	26.7	91.6	85.4	87.9	646	7,748,977	26.03	4.03	168	0.2	85.3	95.4	91.8	2,353	39,787	15.58
Cash tenants	479	36.0	5.0	8.2	6.1	900	750,751	36.62	4.07	8	0.3	4.1	2.2	5.1	979	553	3.87
All share tenants	212	17.6	2.2	5.0	5.2	634	417,356	23.52	3.71	21	0.1	10.7	2.4	3.1	1,765	910	10.71
Other tenants	114	35.6	1.2	1.4	0.8	1,197	120,675	45.66	3.81	...	...	...	...	...	...	...	...
Area 8	2,770	61.3	100.0	100.0	100.0	458	10,434,401	19.72	4.30	32	0.1	100.0	100.0	100.0	2,220	11,417	10.30
Owners, part owners, and managers	2,441	58.3	88.1	81.2	81.3	458	8,230,433	19.14	4.18	31	0.1	96.9	95.9	96.4	2,210	11,067	10.36
Cash tenants	137	93.4	4.9	9.4	8.5	507	1,219,569	27.21	5.37	...	...	...	...	...	...	...	...
All share tenants	153	69.0	5.5	7.0	8.3	385	737,657	16.81	4.36	1	0.1	3.1	4.1	3.6	2,500	350	8.75
Other tenants	39	75.8	1.4	2.4	2.0	566	246,742	23.58	4.16	...	...	...	...	...	...	...	...
Area 9	1,559	9.3	100.0	100.0	100.0	233	818,800	8.08	3.46	42	0.1	100.0	100.0	100.0	3,777	24,385	19.54
Owners, part owners, and managers	1,479	9.2	94.9	93.6	93.2	234	766,596	8.12	3.46	42	0.1	100.0	100.0	100.0	3,777	24,385	19.54
Cash tenants	25	4.5	1.6	1.3	1.4	225	11,337	8.28	3.68	...	...	...	...	...	...	...	...
All share tenants	39	18.7	2.5	4.0	5.1	184	38,322	7.38	4.02	...	...	...	...	...	...	...	...
Other tenants	16	5.3	1.0	0.3	0.4	165	2,545	6.79	4.10	...	...	...	...	...	...	...	...
Colorado, total	8,981	3.8	100.0	100.0	100.0	216	3,869,000	9.32	4.31	66	(Z)	100.0	100.0	100.0	1,596	5,655	5.68
Owners, part owners, and managers	5,695	3.0	63.4	60.8	61.7	213	2,316,817	9.05	4.24	61	(Z)	92.4	99.4	95.0	1,670	5,610	5.94
Cash tenants	191	5.4	2.1	1.6	1.2	278	58,317	11.24	4.04	...	...	...	...	...	...	...	...
All share tenants	2,994	6.9	33.3	35.9	35.6	218	1,436,415	9.71	4.45	...	...	...	...	...	...	...	...
Other tenants	101	5.5	1.1	1.7	1.5	250	57,451	9.52	3.80	5	(Z)	7.6	0.6	5.0	200	45	0.90
Area 1	301	1.3	100.0	100.0	100.0	169	77,745	7.14	4.21	...	...	...	...	...	...	...	...
Owners, part owners, and managers	267	1.3	88.7	89.8	90.0	169	69,084	7.05	4.17	...	...	...	...	...	...	...	...
Cash tenants	12	1.2	4.0	1.6	2.6	105	1,341	4.71	4.47	...	...	...	...	...	...	...	...
All share tenants	22	1.5	7.3	8.6	7.4	196	7,320	9.08	4.63	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2a	1,975	9.2	100.0	100.0	100.0	240	587,550	9.99	4.16	...	...	...	...	...	...	...	...
Owners, part owners, and managers	1,705	8.6	86.3	86.5	85.6	243	508,488	10.10	4.16	...	...	...	...	...	...	...	...
Cash tenants	60	22.8	3.0	3.4	2.5	323	19,740	13.29	4.11	...	...	...	...	...	...	...	...
All share tenants	194	13.5	9.8	8.5	10.2	199	51,005	8.52	4.27	...	...	...	...	...	...	...	...
Other tenants	16	18.7	0.8	1.6	1.7	234	8,317	8.48	3.62	...	...	...	...	...	...	...	...
Area 2b	528	6.5	100.0	100.0	100.0	276	410,307	11.27	4.08	21	(Z)	100.0	100.0	100.0	1,766	4,385	6.75
Owners, part owners, and managers	441	6.1	83.5	82.5	82.7	276	339,070	11.26	4.09	21	(Z)	100.0	100.0	100.0	1,766	4,385	6.75
Cash tenants	5	5.7	0.9	0.8	1.1	200	2,800	7.00	3.50	...	...	...	...	...	...	...	...
All share tenants	65	9.1	12.3	13.6	11.8	320	53,665	12.51	3.91	...	...	...	...	...	...	...	...
Other tenants	17	11.7	3.2	3.1	4.4	196	14,772	9.26	4.73	...	...	...	...	...	...	...	...
Area 3	4,199	9.6	100.0	100.0	100.0	209	2,065,111	9.32	4.47	5	(Z)	100.0	100.0	100.0	4,000	50	10.00
Owners, part owners, and managers	1,827	6.3	43.5	42.2	45.5	194	866,663	8.61	4.44	5	(Z)	100.0	100.0	100.0	4,000	50	10.00
Cash tenants	41	7.8	1.0	0.9	0.7	286	16,305	10.83	3.79	...	...	...	...	...	...	...	...
All share tenants	2,290	17.2	54.5	54.9	52.7	217	1,150,078	9.84	4.53	...	...	...	...	...	...	...	...
Other tenants	41	11.2	1.0	2.0	1.1	359	32,065	12.77	3.55	...	...	...	...	...	...	...	...
Areas 4 and A	1,108	1.1	100.0	100.0	100.0	159	341,408	6.44	4.05	40	(Z)	100.0	100.0	100.0	1,235	1,220	3.59
Owners, part owners, and managers	904	1.1	81.6	82.0	77.7	168	273,595	6.64	3.96	35	(Z)	87.5	97.6	85.3	1,414	1,175	4.05
Cash tenants	56	5.8	5.1	4.2	2.3	288	15,780	12.83	4.46	...	...	...	...	...	...	...	...
All share tenants	121	1.0	10.9	13.0	18.2	113	49,736	5.14	4.55	...	...	...	...	...	...	...	...
Other tenants	27	1.9	2.4	0.8	1.8	69	2,297	2.42	3.48	5	(Z)	12.5	2.4	14.7	200	45	0.90
Area 5	870	2.0	100.0	100.0	100.0	265	386,879	11.19	4.22	...	...	...	...	...	...	...	...
Owners, part owners, and managers	551	1.9	63.3	65.7	69.2	252	259,917	10.86	4.31	...	...	...	...	...	...	...	...
Cash tenants	17	1.5	2.0	0.7	0.8	239	2,351	8.25	3.46	...	...	...	...	...	...	...	...
All share tenants	302	2.5	34.7	33.5	29.9	297	124,611	12.04	4.05	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Connecticut, total	4,545	35.7	100.0	100.0	100.0	897	4,169,205	28.92	3.22	2,406	8.9	100.0	100.0	100.0	2,168	302,613	8.42
Owners, part owners, and managers	4,310	35.6	94.8	92.9	95.2	875	3,846,645	28.02	3.20	2,301	8.9	95.6	96.3	95.7	2,181	290,998	8.47
Cash tenants	150	30.0	3.3	3.7	2.0	1,616	182,360	61.82	3.82	55	7.7	2.3	1.4	2.1	1,447	4,885	6.43
All share tenants	25	52.2	0.6	2.5	1.3	1,764	102,425	56.12	3.18	20	12.7	0.8	0.8	1.2	1,438	2,655	5.97
Other tenants	60	46.9	1.3	0.9	1.5	573	37,775	18.03	3.15	30	7.6	1.2	1.5	0.9	3,471	4,075	11.99
Areas 1 and A	1,010	32.7	100.0	100.0	100.0	437	444,356	11.86	2.71	590	7.3	100.0	100.0	100.0	2,388	64,575	7.73
Owners, part owners, and managers	940	32.6	93.1	94.4	93.8	440	420,756	11.97	2.72	560	7.2	94.9	95.0	92.6	2,448	60,670	7.84
Cash tenants	45	24.2	4.5	2.3	2.6	384	10,325	10.54	2.75	10	5.1	1.7	1.0	2.5	976	740	3.61
All share tenants	10	57.7	1.0	2.3	2.5	413	9,225	10.03	2.43	10	20.4	1.7	2.5	3.9	1,508	1,740	5.35
Other tenants	15	39.3	1.5	1.0	1.1	376	4,050	9.76	2.60	10	8.1	1.7	1.6	1.0	3,647	1,425	16.76

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
			Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)					Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used	Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Connecticut—Continued																	
Areas B and C	2,023	46.9	100.0	100.0	100.0	1,339	2,962,216	46.39	3.46	981	12.0	100.0	100.0	100.0	1,783	120,555	7.39
Owners, part owners, and managers	1,918	46.7	94.8	92.5	95.4	1,299	2,731,781	44.83	3.45	926	11.9	94.4	94.2	95.2	1,765	113,760	7.33
Cash tenants	65	36.1	3.2	3.2	1.6	2,738	109,680	110.23	4.03	30	15.8	3.1	2.3	2.7	1,563	3,280	7.54
All share tenants	15	81.5	0.7	3.3	1.4	3,138	93,200	102.98	3.28	10	10.8	1.0	0.5	0.7	1,250	915	7.63
Other tenants	25	59.0	1.2	1.0	1.6	808	27,555	27.15	3.36	15	13.4	1.5	2.9	1.4	3,696	2,600	11.30
Area 2	1,512	28.0	100.0	100.0	100.0	641	762,633	17.80	2.78	835	7.4	100.0	100.0	100.0	2,563	117,483	10.43
Owners, part owners, and managers	1,452	28.0	96.0	93.1	96.2	620	694,108	16.84	2.72	815	7.5	97.6	99.2	98.7	2,575	116,568	10.49
Cash tenants	40	32.2	2.6	6.1	2.3	1,711	62,355	63.95	3.74	15	4.0	1.8	0.8	1.1	1,833	865	7.21
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	20	39.3	1.3	0.8	1.6	337	6,170	9.28	2.75	5	1.5	0.6	0.1	0.2	800	50	2.00
Delaware, total (Areas 1 and A)	4,063	62.0	100.0	100.0	100.0	479	3,788,406	12.45	2.60	1,345	9.6	100.0	100.0	100.0	1,605	298,547	6.36
Owners, part owners, and managers	3,462	62.8	85.2	86.4	83.7	494	3,287,241	12.90	2.61	1,158	10.5	86.1	89.8	90.8	1,587	268,957	6.31
Cash tenants	85	67.7	2.1	2.8	1.6	834	93,355	19.01	2.28	30	4.1	2.2	0.9	0.6	2,300	2,330	7.77
All share tenants	360	55.4	8.9	7.5	10.7	333	277,815	8.50	2.55	97	4.1	7.2	5.6	5.1	1,763	19,100	7.93
Croppers	25	69.9	0.6	0.5	0.8	295	20,060	8.01	2.71	5	2.4	0.4	0.2	0.2	2,000	680	8.00
Other tenants	131	61.3	3.2	2.9	3.1	445	109,935	11.76	2.64	55	10.1	4.1	3.5	3.3	1,700	7,480	4.87
Florida, total	28,429	53.9	100.0	100.0	100.0	938	49,549,535	23.09	2.46	6,095	10.8	100.0	100.0	100.0	1,598	2,717,065	6.32
Owners, part owners, and managers	26,089	53.6	91.8	94.6	94.6	938	46,980,942	23.14	2.47	5,851	11.0	96.0	96.6	96.6	1,597	2,620,929	6.31
Cash tenants	775	68.6	2.7	2.7	2.1	1,210	1,340,450	29.48	2.44	73	10.5	1.2	1.6	1.6	1,608	46,954	6.75
All share tenants	559	72.4	2.0	1.2	1.5	727	507,604	15.92	2.19	73	7.8	1.2	0.9	0.8	1,734	21,922	6.36
Croppers	543	51.5	1.9	0.6	1.0	569	265,645	12.14	2.13	37	4.7	0.6	0.3	0.5	871	9,413	4.72
Other tenants	463	47.7	1.6	0.9	0.8	1,120	454,894	26.73	2.39	61	5.7	1.0	0.6	0.5	2,179	17,847	8.86
Area 1	2,238	75.1	100.0	100.0	100.0	470	1,555,010	9.20	1.96	402	4.9	100.0	100.0	100.0	1,686	69,034	6.30
Owners, part owners, and managers	1,986	74.1	88.7	90.7	91.1	468	1,419,321	9.22	1.97	376	5.1	93.5	96.5	96.4	1,686	66,072	6.25
Cash tenants	80	76.8	3.6	2.5	2.3	504	37,895	9.64	1.91	10	2.9	2.5	1.6	1.4	2,000	1,150	7.67
All share tenants	117	93.6	5.2	5.3	5.0	494	76,874	9.02	1.83	11	2.4	2.7	1.7	2.0	1,409	1,712	7.78
Croppers	30	81.1	1.3	1.0	1.0	465	11,975	7.24	1.56	5	1.0	1.2	0.2	0.2	2,000	100	5.00
Other tenants	25	92.1	1.1	0.6	0.6	465	8,945	9.04	1.94	...	...	...	...	...	...	...	...
Areas 2 and A	1,342	39.3	100.0	100.0	100.0	945	2,099,462	21.71	2.30	316	9.6	100.0	100.0	100.0	1,754	144,554	6.11
Owners, part owners, and managers	1,306	39.6	97.3	99.2	98.6	951	2,083,787	21.87	2.30	303	9.6	95.9	97.3	97.6	1,748	138,494	6.00
Cash tenants	8	64.0	0.6	0.2	0.5	427	5,550	10.57	2.48	1	6.1	0.3	0.2	0.2	2,000	400	8.00
All share tenants	10	17.4	0.7	0.2	0.1	1,825	3,475	43.44	2.38	...	...	...	...	...	...	...	...
Croppers	10	40.9	0.7	0.1	0.5	178	1,600	3.56	2.00	10	36.4	3.2	1.9	1.7	2,000	4,800	12.00
Other tenants	8	11.7	0.6	0.3	0.3	740	5,050	14.94	2.02	2	4.0	0.6	0.6	0.5	2,087	860	7.48
Area 3	8,534	43.4	100.0	100.0	100.0	454	5,655,994	10.87	2.39	688	2.6	100.0	100.0	100.0	1,341	133,261	4.35
Owners, part owners, and managers	7,109	42.4	83.3	90.4	89.1	461	5,196,910	11.22	2.43	644	2.7	93.6	98.1	98.0	1,342	130,679	4.35
Cash tenants	412	55.5	4.8	2.7	3.4	355	123,665	6.95	1.96	7	0.4	1.0	0.5	0.4	1,833	592	4.93
All share tenants	321	62.1	3.8	2.2	2.8	353	98,330	6.73	1.91	17	0.5	2.5	0.6	0.4	2,114	955	7.76
Croppers	459	49.3	5.4	3.5	3.3	482	178,430	10.33	2.15	15	0.7	2.2	0.7	0.8	1,080	935	3.74
Other tenants	233	47.7	2.7	1.2	1.4	403	58,659	8.14	2.02	5	0.7	0.7	(Z)	0.3	190	100	0.95
Area 4	1,873	63.5	100.0	100.0	100.0	984	4,160,542	24.52	2.49	483	15.4	100.0	100.0	100.0	1,415	243,455	5.93
Owners, part owners, and managers	1,872	63.5	99.9	99.3	99.8	979	4,129,192	24.38	2.49	482	15.3	99.8	98.9	99.2	1,410	240,155	5.89
Cash tenants	1	78.6	0.1	0.7	0.2	3,333	31,350	95.00	2.85	1	78.6	0.2	1.1	0.8	2,000	3,300	10.00
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Croppers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Areas 5 and B	11,937	58.7	100.0	100.0	100.0	1,306	24,971,541	32.24	2.47	3,678	19.4	100.0	100.0	100.0	1,659	1,699,036	6.64
Owners, part owners, and managers	11,624	58.6	97.4	98.7	98.8	1,305	24,666,760	32.24	2.47	3,593	19.4	97.7	99.2	99.1	1,662	1,685,214	6.65
Cash tenants	117	75.4	1.0	0.3	0.3	1,400	75,776	34.06	2.43	22	12.2	0.6	0.1	0.1	1,528	2,580	7.17
All share tenants	49	45.7	0.4	0.2	0.2	1,674	49,100	39.37	2.35	21	13.2	0.6	0.1	0.1	1,250	2,995	8.32
Croppers	37	46.6	0.3	0.2	0.2	1,139	33,140	21.70	1.90	6	23.0	0.2	0.1	0.3	543	2,355	3.12
Other tenants	110	85.5	0.9	0.6	0.6	1,365	146,765	33.74	2.47	36	18.5	1.0	0.4	0.4	1,960	5,892	6.27
Areas 6 and C	2,505	57.6	100.0	100.0	100.0	1,028	11,106,986	26.68	2.60	528	9.4	100.0	100.0	100.0	1,525	427,725	6.31
Owners, part owners, and managers	2,192	56.6	87.5	84.8	92.0	948	9,484,972	24.76	2.61	453	8.5	85.8	83.7	85.1	1,501	360,315	6.25
Cash tenants	157	82.8	6.3	9.9	5.0	2,045	1,066,214	51.57	2.52	32	23.8	6.1	9.0	8.8	1,573	38,932	6.55
All share tenants	62	89.9	2.5	2.7	1.8	1,559	279,825	37.70	2.42	24	33.2	4.5	4.8	4.0	1,807	16,260	5.93
Croppers	7	100.0	0.3	0.4	0.2	1,590	40,500	41.54	2.61	1	58.5	0.2	0.2	0.8	382	1,223	2.15
Other tenants	87	36.4	3.5	2.2	1.0	2,299	235,475	57.02	2.48	18	7.5	3.4	2.2	1.3	2,676	10,995	12.86
Georgia, total	94,536	68.5	100.0	100.0	100.0	402	50,202,328	8.87	2.21	11,750	4.0	100.0	100.0	100.0	1,512	1,473,367	4.51
Owners, part owners, and managers	53,140	64.4	56.2	68.9	68.7	403	34,924,991	8.97	2.23	9,829	4.7	83.7	88.6	86.9	1,541	1,276,021	4.50
Cash tenants	5,408	71.1	5.7	4.5	5.0	363	2,227,498	7.87	2.17	228	1.8	1.9	2.5	2.2	1,782	47,147	6.69
All share tenants	10,471	78.6	11.1	8.8	8.7	404	4,308,145	8.70	2.15	591	2.1	5.0	3.0	4.0	1,158	52,118	4.01
Croppers	22,297	87.1	23.6	15.6	15.2	414	7,666,146	8.93	2.16	853	1.4	7.3	3.7	4.3	1,298	64,821	4.57
Other tenants	3,220	65.9	3.4	2.2	2.4	369	1,075,548	8.06	2.18	249	4.2	2.1	2.1	2.6	1,227	33,260	3.95
Areas 1 and A	5,065	51.8	100.0	100.0	100.0	393	1,623,497	8.09	2.06	909	5.0	100.0	100.0	100.0	2,425	99,540	5.14
Owners, part owners, and managers	3,055	46.5	60.3	65.5	66.9	385	1,071,587	7.98	2.07	817	6.0	89.9	91.0	89.6	2,463	90,440	5.21
Cash tenants	55	74.3	1.1	2.9	2.6	441	39,605	7.52	1.70	10	12.4	1.1	4.0	4.5	2,171	3,125	3.57
All share tenants	790	61.8	15.6	14.8	14.9	389	254,935	8.52	2.19	51	1.3	5.6	2.7	3.2	2,071	3,625	5.82
Croppers	1,020	80.6	20.1	14.8	13.7	424	224,705	8.18	1.93	15	0.9	1.7	1.3	1.7	1,875	1,150	3.59
Other tenants	145	43.1	2.9	2.0	1.9	407	32,665	8.45	2.08	16	2.2	1.8	0.9	1.0	2,222	1,200	6.06

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Georgia—Continued																	
Area 2	2,971	50.9	100.0	100.0	100.0	388	447,428	8.74	2.25	619	8.1	100.0	100.0	100.0	2,183	40,705	4.98
Owners, part owners, and managers	2,609	50.7	87.8	88.8	88.6	389	399,138	8.79	2.26	589	8.7	95.2	96.0	95.7	2,191	39,075	5.00
Cash tenants	30	52.5	1.0	0.8	1.0	315	3,515	6.76	2.14	...	...	...	...	...	...	...	...
All share tenants	171	61.7	5.8	5.7	5.8	381	23,455	7.90	2.08	15	3.4	2.4	1.7	2.0	1,818	575	3.48
Croppers	90	61.5	3.0	2.3	2.3	376	9,850	8.28	2.20	...	...	...	...	...	...	...	...
Other tenants	71	33.8	2.4	2.4	2.3	419	11,470	9.93	2.37	15	5.6	2.4	2.3	2.3	2,158	1,055	5.55
Areas 3 and B	10,598	54.2	100.0	100.0	100.0	401	2,765,704	8.76	2.19	1,174	5.1	100.0	100.0	100.0	1,403	126,637	4.28
Owners, part owners, and managers	7,169	49.8	67.6	68.9	69.8	396	1,922,014	8.73	2.21	1,073	6.4	91.4	96.3	94.9	1,423	121,662	4.33
Cash tenants	250	53.1	2.4	2.0	2.0	395	55,475	8.75	2.22	5	0.1	0.4	(Z)	(Z)	2,000	50	5.00
All share tenants	1,103	64.9	10.4	9.9	10.3	385	286,600	8.83	2.29	50	1.2	4.3	1.3	2.0	940	1,635	2.79
Croppers	1,840	79.2	17.4	17.1	15.8	434	446,105	8.93	2.06	30	0.2	2.6	0.7	0.4	2,077	1,495	11.50
Other tenants	236	44.0	2.2	2.1	2.1	398	55,510	8.26	2.07	16	5.1	1.4	1.7	2.6	903	1,795	2.32
Area 4a	11,008	63.8	100.0	100.0	100.0	420	4,946,216	9.07	2.16	1,440	5.4	100.0	100.0	100.0	1,480	206,375	4.45
Owners, part owners, and managers	5,415	59.4	49.2	68.7	70.1	412	3,411,968	8.92	2.17	1,322	6.5	91.8	94.8	90.0	1,560	193,388	4.63
Cash tenants	478	68.2	4.3	2.8	3.3	359	144,541	8.10	2.26	21	1.7	1.5	1.2	1.0	1,811	2,322	5.22
All share tenants	1,314	78.9	11.9	7.7	7.6	424	384,502	9.23	2.18	17	1.3	1.2	0.7	1.5	647	1,140	1.61
Croppers	3,286	83.1	29.9	17.5	15.7	471	840,220	9.84	2.09	45	1.0	3.1	2.0	2.2	1,317	6,100	5.87
Other tenants	515	61.9	4.7	3.3	3.3	419	164,985	9.18	2.19	35	8.5	2.4	1.4	5.3	382	3,425	1.39
Area 4b	4,864	47.9	100.0	100.0	100.0	348	1,876,889	7.56	2.17	986	6.4	100.0	100.0	100.0	1,300	127,245	3.86
Owners, part owners, and managers	2,640	43.5	54.3	72.7	73.1	347	1,364,781	7.53	2.17	874	7.0	88.6	86.3	88.6	1,266	110,559	3.79
Cash tenants	400	53.7	8.2	4.5	4.5	348	81,518	7.35	2.11	28	2.0	2.8	2.2	1.2	2,346	2,805	6.93
All share tenants	474	70.2	9.7	5.7	6.0	329	110,680	7.45	2.27	11	3.0	1.1	2.5	2.0	1,689	3,370	5.23
Croppers	884	78.9	18.2	12.6	11.5	382	230,425	8.11	2.12	33	4.1	3.3	3.6	4.5	1,056	5,441	3.71
Other tenants	466	53.9	9.6	4.6	5.0	321	89,485	7.16	2.23	40	5.3	4.1	5.3	3.7	1,846	5,070	4.11
Areas 5, C, and D	3,507	62.1	100.0	100.0	100.0	353	2,122,663	7.99	2.26	512	3.1	100.0	100.0	100.0	1,833	68,645	5.13
Owners, part owners, and managers	1,869	58.0	53.3	72.3	71.1	359	1,554,166	8.23	2.29	448	3.6	87.5	88.5	88.0	1,844	61,353	5.22
Cash tenants	420	69.0	12.0	7.2	8.1	313	157,255	7.31	2.33	16	0.8	3.1	1.7	1.9	1,647	1,070	4.20
All share tenants	246	73.4	7.0	5.4	5.4	352	104,840	7.34	2.09	30	5.3	5.9	7.1	7.7	1,689	4,440	4.31
Croppers	879	83.6	25.1	13.7	13.6	354	276,639	7.63	2.16	16	0.6	3.1	2.3	1.9	2,196	1,415	5.55
Other tenants	93	59.9	2.7	1.5	1.8	302	29,763	6.30	2.08	2	0.9	0.4	0.4	0.5	1,486	367	5.24
Area 6	9,899	71.2	100.0	100.0	100.0	335	6,507,873	7.69	2.30	800	2.0	100.0	100.0	100.0	1,305	103,040	4.33
Owners, part owners, and managers	5,215	68.1	52.7	72.5	71.4	340	4,638,199	7.68	2.26	631	2.3	78.9	87.6	84.8	1,348	82,445	4.09
Cash tenants	916	70.7	9.3	6.8	6.8	336	410,679	7.19	2.14	32	1.0	4.0	4.9	3.5	1,855	11,970	14.51
All share tenants	963	76.6	9.7	5.9	6.2	319	367,467	6.98	2.19	56	2.4	7.0	4.0	7.0	745	4,910	2.95
Croppers	2,437	89.2	24.6	12.5	13.0	322	940,665	8.52	2.65	75	0.9	9.4	3.2	4.5	916	3,520	3.29
Other tenants	368	74.7	3.7	2.3	2.6	298	150,863	6.87	2.31	6	0.2	0.8	0.3	0.2	2,000	195	3.90
Area 7a	6,504	69.7	100.0	100.0	100.0	389	5,308,411	8.83	2.27	761	3.8	100.0	100.0	100.0	1,473	152,510	4.63
Owners, part owners, and managers	2,864	65.8	44.0	71.1	69.6	398	3,872,879	9.25	2.33	598	4.6	78.6	89.0	89.6	1,462	136,382	4.61
Cash tenants	741	70.9	11.4	6.8	8.0	331	343,410	7.14	2.15	18	1.4	2.4	3.3	2.9	1,685	4,873	5.12
All share tenants	417	81.5	6.4	3.4	3.7	357	166,081	7.43	2.08	31	2.1	4.1	2.3	1.7	1,944	3,288	5.72
Croppers	2,274	88.0	35.0	17.5	17.1	396	865,100	8.39	2.12	102	1.4	13.4	4.2	4.8	1,285	6,280	3.94
Other tenants	208	65.1	3.2	1.2	1.5	312	60,941	6.59	2.12	12	2.1	1.6	1.2	0.9	2,000	1,687	5.76
Area 7b	15,842	75.7	100.0	100.0	100.0	409	11,104,804	8.56	2.09	2,217	4.3	100.0	100.0	100.0	1,427	322,524	4.40
Owners, part owners, and managers	8,228	72.2	51.9	67.4	67.1	412	7,527,598	8.65	2.10	1,546	4.7	69.7	79.9	78.1	1,460	245,647	4.30
Cash tenants	1,180	75.2	7.4	5.4	5.6	396	599,880	8.32	2.10	78	3.3	3.5	4.9	4.3	1,638	20,237	6.43
All share tenants	1,782	82.0	11.2	9.6	9.6	407	1,059,800	8.49	2.08	154	3.1	6.9	4.5	6.4	990	17,845	3.80
Croppers	4,255	90.4	26.9	16.1	16.2	407	1,742,785	8.31	2.04	396	2.7	17.9	7.6	8.5	1,274	28,240	4.53
Other tenants	397	73.9	2.5	1.6	1.6	396	174,741	8.37	2.11	43	6.9	1.9	3.1	2.7	1,669	10,555	5.37
Area 8	20,572	81.4	100.0	100.0	100.0	456	11,796,327	10.41	2.28	1,830	2.5	100.0	100.0	100.0	1,401	161,836	4.57
Owners, part owners, and managers	11,364	78.5	55.2	64.9	64.0	462	7,822,370	10.78	2.33	1,491	3.3	81.5	87.5	86.0	1,427	135,354	4.44
Cash tenants	851	77.6	4.1	3.0	3.5	392	362,120	9.01	2.30	15	0.2	0.8	0.3	0.3	1,182	520	4.73
All share tenants	2,854	87.2	13.9	12.4	12.6	450	1,390,225	9.76	2.17	156	1.3	8.5	4.7	6.1	1,083	10,150	4.70
Croppers	4,884	90.1	23.7	17.3	17.0	462	1,948,810	10.10	2.18	110	0.7	6.0	4.6	4.4	1,457	8,085	5.17
Other tenants	619	83.2	3.0	2.4	2.8	393	272,802	8.59	2.18	58	3.0	3.2	2.9	3.2	1,261	7,727	6.75
Areas 9 and E	3,706	67.7	100.0	100.0	100.0	475	1,702,516	10.86	2.29	502	4.8	100.0	100.0	100.0	1,575	64,310	5.79
Owners, part owners, and managers	2,712	65.5	73.2	77.9	77.0	481	1,340,291	11.11	2.31	440	5.7	87.6	93.3	93.8	1,568	59,716	5.74
Cash tenants	87	78.2	2.3	1.6	1.9	395	29,500	9.99	2.53	5	0.7	1.0	0.3	0.2	2,000	175	7.00
All share tenants	357	77.8	9.6	10.0	10.7	443	159,560	9.48	2.14	20	0.6	4.0	1.5	1.2	2,000	1,140	8.44
Croppers	448	78.4	12.1	8.7	8.7	473	140,842	10.33	2.18	31	2.8	6.2	4.6	4.5	1,616	3,095	6.25
Other tenants	102	57.2	2.8	1.8	1.7	519	32,323	12.33	2.38	6	0.8	1.2	0.3	0.3	1,211	184	4.84
Idaho, total	16,361	16.9	100.0	100.0	100.0	234	8,315,520	8.86	3.79	...	...	...	...	...	...	...	...
Owners, part owners, and managers	12,588	15.8	76.9	77.6	77.9	233	6,495,755	8.88	3.82	...	...	...	...	...	...	...	...
Cash tenants	217	12.9	1.3	1.1	1.0	260	79,521	8.69	3.34	...	...	...	...	...	...	...	...
All share tenants	3,372	22.8	20.6	20.2	20.0	236	1,636,143	8.74	3.70	...	...	...	...	...	...	...	...
Other tenants	184	24.6	1.1	1.2	1.1	252	104,101	9.92	3.94	...	...	...	...	...	...	...	...
Area 1	1,322	10.4	100.0	100.0	100.0	145	479,180	5.07	3.50	...	...	...	...	...	...	...	...
Owners, part owners, and managers	1,235	10.8	93.4	93.8	93.3	146	453,516	5.15	3.53	...	...	...	...	...	...	...	...
Cash tenants	9	3.4	0.7	0.3	0.2	158	741	3.25	2.06	...	...	...	...	...	...	...	...
All share tenants	66	6.2	5.0	4.6	5.6	120	20,222	3.82	3.18	...	...	...	...	...	...	...	...
Other tenants	12	33.3	0.9	1.3	0.8	228	4,701	5.95	2.61	...	...	...	...	...	...	...	...

Z Less than 0.05.

USE OF FERTILIZER AND LIME

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer								Lime							
			Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)									
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used	Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
												Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Idaho—Continued																	
Area 2	1,567	25.2	100.0	100.0	100.0	116	958,514	5.15	4.43	...	...	...	...	...	...	...	...
Owners, part owners, and managers	1,301	25.5	83.0	81.1	81.0	116	773,075	5.12	4.40	...	...	...	...	...	...	...	...
Cash tenants	16	25.0	1.0	0.4	0.4	123	2,825	4.14	3.36	...	...	...	...	...	...	...	...
All share tenants	245	23.6	15.6	18.0	18.2	115	177,939	5.25	4.57	...	...	...	...	...	...	...	...
Other tenants	5	39.6	0.3	0.5	0.4	130	4,675	6.07	4.68	...	...	...	...	...	...	...	...
Area 3a	3,962	21.5	100.0	100.0	100.0	436	2,113,369	15.09	3.46	...	...	...	...	...	...	...	...
Owners, part owners, and managers	3,040	20.7	76.7	77.2	76.1	442	1,618,038	15.18	3.43	...	...	...	...	...	...	...	...
Cash tenants	95	17.8	2.4	2.2	2.0	468	45,465	16.04	3.42	...	...	...	...	...	...	...	...
All share tenants	752	25.3	19.0	18.7	19.6	416	399,056	14.55	3.50	...	...	...	...	...	...	...	...
Other tenants	75	27.5	1.9	2.0	2.3	376	50,810	15.66	4.16	...	...	...	...	...	...	...	...
Area 3b	4,685	28.6	100.0	100.0	100.0	255	2,370,902	9.30	3.65	...	...	...	...	...	...	...	...
Owners, part owners, and managers	3,091	26.1	66.0	69.1	66.7	264	1,657,402	9.74	3.69	...	...	...	...	...	...	...	...
Cash tenants	26	10.8	0.6	0.3	0.3	224	6,795	7.77	3.47	...	...	...	...	...	...	...	...
All share tenants	1,501	36.8	32.0	29.2	31.3	238	671,885	8.42	3.53	...	...	...	...	...	...	...	...
Other tenants	67	29.7	1.4	1.3	1.6	207	34,820	8.37	4.05	...	...	...	...	...	...	...	...
Area 4	4,825	11.1	100.0	100.0	100.0	220	2,393,555	9.11	4.13	...	...	...	...	...	...	...	...
Owners, part owners, and managers	3,921	10.6	81.3	82.3	82.1	221	1,993,724	9.24	4.19	...	...	...	...	...	...	...	...
Cash tenants	71	12.1	1.5	1.3	1.7	162	23,695	5.22	3.22	...	...	...	...	...	...	...	...
All share tenants	808	15.3	16.7	16.0	15.6	226	367,041	8.97	3.97	...	...	...	...	...	...	...	...
Other tenants	25	12.1	0.5	0.5	0.6	184	9,095	5.96	3.25	...	...	...	...	...	...	...	...
Illinois, total	104,142	33.1	100.0	100.0	100.0	265	57,092,991	7.34	2.77	40,614	4.7	100.0	100.0	100.0	4,464	8,447,557	7.70
Owners, part owners, and managers	62,634	34.3	60.1	57.4	57.0	267	32,628,633	7.35	2.76	25,167	4.9	62.0	59.0	58.3	4,518	5,013,750	7.83
Cash tenants	2,692	33.4	2.6	2.0	2.0	263	1,217,410	7.68	2.92	820	3.5	2.0	1.3	1.5	3,923	104,300	6.36
All share tenants	37,588	31.5	36.1	39.6	39.8	263	22,635,298	7.30	2.77	14,236	4.4	35.1	38.7	39.2	4,403	3,242,267	7.54
Other tenants	1,228	31.1	1.2	1.0	1.1	245	611,650	7.00	2.86	391	4.0	1.0	1.0	1.0	4,512	87,240	7.85
Areas 1, A, and B	12,433	37.4	100.0	100.0	100.0	238	6,240,141	6.69	2.82	3,787	4.3	100.0	100.0	100.0	5,131	740,614	6.99
Owners, part owners, and managers	6,247	37.2	50.2	52.9	47.7	263	3,222,584	7.25	2.75	2,080	4.8	54.9	54.1	54.5	5,098	382,059	6.62
Cash tenants	627	31.9	5.0	3.3	3.3	238	199,675	6.57	2.76	155	3.4	4.1	2.7	3.0	4,601	20,415	6.39
All share tenants	5,383	38.2	43.3	42.6	47.6	213	2,731,557	6.16	2.89	1,521	3.8	40.2	42.3	41.6	5,217	332,280	7.54
Other tenants	176	35.8	1.4	1.2	1.5	197	86,325	6.21	3.15	31	2.5	0.8	0.9	0.9	4,954	5,860	5.95
Areas 2 and C	8,401	44.4	100.0	100.0	100.0	265	4,559,852	7.56	2.86	2,393	4.3	100.0	100.0	100.0	3,577	308,368	5.33
Owners, part owners, and managers	5,360	43.5	63.8	63.2	57.3	292	2,877,647	8.32	2.85	1,557	4.6	65.1	65.1	62.7	3,713	201,203	5.55
Cash tenants	1,035	45.9	12.3	10.5	10.9	255	526,265	7.99	3.13	280	3.4	11.7	6.6	8.3	2,842	19,735	4.10
All share tenants	1,920	45.7	22.9	25.6	30.8	220	1,123,540	6.04	2.75	536	4.0	22.4	27.5	28.5	3,452	85,465	5.20
Other tenants	86	37.0	1.0	0.7	0.9	184	32,400	5.73	3.10	20	1.8	0.8	0.8	0.5	5,929	1,965	7.02
Area 3	9,798	19.7	100.0	100.0	100.0	310	4,986,547	8.33	2.69	5,129	4.9	100.0	100.0	100.0	4,539	1,192,571	8.01
Owners, part owners, and managers	5,063	20.6	51.7	50.6	49.9	314	2,530,009	8.47	2.70	2,755	5.6	53.7	52.5	54.1	4,401	626,171	7.77
Cash tenants	185	15.9	1.9	1.6	1.4	365	99,465	12.02	3.29	110	3.6	2.1	1.3	1.3	4,569	13,455	7.16
All share tenants	4,469	19.0	45.6	47.0	47.6	306	2,307,353	8.10	2.64	2,249	4.4	43.8	46.0	44.3	4,710	550,245	8.34
Other tenants	81	22.2	0.8	0.7	1.1	199	49,720	7.29	3.67	15	1.5	0.3	0.3	0.3	4,000	2,700	5.68
Area 4	10,891	33.0	100.0	100.0	100.0	257	5,870,654	7.79	3.04	4,602	4.8	100.0	100.0	100.0	4,515	903,268	8.22
Owners, part owners, and managers	6,981	32.4	64.1	63.4	60.4	269	3,716,465	8.16	3.03	3,200	5.2	69.5	67.2	67.2	4,519	607,447	8.24
Cash tenants	125	40.4	1.1	1.0	1.2	211	62,735	6.72	3.18	30	1.8	0.7	0.4	0.4	4,488	3,495	8.52
All share tenants	3,599	34.0	33.0	34.2	36.8	238	2,009,589	7.24	3.04	1,302	4.2	28.3	31.2	31.2	4,516	280,826	8.21
Other tenants	186	30.1	1.7	1.4	1.5	245	81,865	7.18	2.93	70	3.8	1.5	1.2	1.3	4,269	11,500	7.93
Area 5	5,139	33.2	100.0	100.0	100.0	328	3,949,815	9.15	2.79	1,825	4.8	100.0	100.0	100.0	4,133	388,662	6.19
Owners, part owners, and managers	2,320	36.0	45.1	46.4	44.9	339	1,827,355	9.44	2.78	833	5.0	45.6	43.3	43.2	4,140	174,002	6.42
Cash tenants	120	34.8	2.3	1.8	1.8	318	63,850	8.14	2.56	10	2.2	0.5	0.8	0.8	4,000	3,000	6.00
All share tenants	2,623	31.2	51.0	50.7	51.9	321	2,014,690	9.00	2.81	962	4.8	52.7	54.9	54.6	4,159	205,540	6.00
Other tenants	76	29.6	1.5	1.2	1.5	275	43,920	7.01	2.55	20	4.2	1.1	1.0	1.4	3,028	6,120	6.92
Areas 6a, D, and E	10,648	29.4	100.0	100.0	100.0	292	6,728,028	8.18	2.80	4,855	5.1	100.0	100.0	100.0	4,296	1,175,505	8.16
Owners, part owners, and managers	5,430	30.6	51.0	50.2	50.1	293	3,446,289	8.36	2.86	2,546	5.5	52.4	50.4	51.1	4,243	591,380	8.04
Cash tenants	200	19.5	1.9	1.8	1.3	391	108,000	10.00	2.56	105	5.1	2.2	2.0	2.0	4,327	24,485	8.62
All share tenants	4,893	28.7	46.0	47.1	47.7	289	3,108,434	7.92	2.74	2,149	4.8	44.3	46.1	45.8	4,320	540,890	8.20
Other tenants	125	26.2	1.2	0.9	0.9	297	65,305	8.92	3.00	55	5.8	1.1	1.5	1.1	5,687	18,750	11.50
Area 6b	16,829	31.5	100.0	100.0	100.0	317	12,630,442	8.50	2.69	6,991	5.0	100.0	100.0	100.0	4,076	1,672,757	7.08
Owners, part owners, and managers	7,527	32.5	44.7	44.9	43.0	331	5,607,811	8.78	2.65	3,184	5.3	45.5	44.7	44.3	4,121	762,312	7.29
Cash tenants	150	28.2	0.9	0.6	0.8	255	82,515	7.19	2.82	25	3.1	0.4	0.4	0.5	3,169	7,010	5.50
All share tenants	8,972	30.8	53.3	53.4	55.2	306	6,806,761	8.30	2.71	3,702	4.8	53.0	53.8	54.2	4,046	887,815	6.93
Other tenants	180	31.9	1.1	1.1	1.0	332	133,355	8.70	2.62	80	4.9	1.1	1.0	1.0	4,228	15,620	6.59

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Illinois—Continued																	
Areas 7 and F	10,402	37.4	100.0	100.0	100.0	207	4,084,862	5.70	2.75	4,270	4.0	100.0	100.0	100.0	5,066	685,077	8.89
Owners, part owners, and managers	7,254	38.1	69.7	70.3	68.3	213	2,895,495	5.91	2.78	3,176	4.6	74.4	76.5	76.6	5,059	529,455	8.97
Cash tenants	175	32.4	1.7	1.2	1.3	191	38,685	4.29	2.25	75	2.6	1.8	1.0	0.9	5,352	7,215	9.95
All share tenants	2,822	36.2	27.1	27.1	29.2	192	1,100,217	5.26	2.74	984	2.8	23.0	21.5	21.1	5,157	142,077	8.72
Other tenants	151	34.1	1.5	1.5	1.3	239	50,465	5.46	2.29	35	3.9	0.8	1.0	1.4	3,820	6,330	6.00
Area 8	7,544	43.3	100.0	100.0	100.0	197	2,869,278	5.15	2.61	2,679	4.4	100.0	100.0	100.0	5,243	588,598	10.28
Owners, part owners, and managers	6,341	42.9	84.1	84.5	82.4	202	2,395,783	5.22	2.58	2,368	4.6	88.4	85.6	85.5	5,253	502,303	10.26
Cash tenants	15	58.8	0.2	0.2	0.2	204	6,160	5.40	2.66	...	...	...	...	...	...	...	...
All share tenants	1,128	45.7	15.0	14.8	16.7	175	448,665	4.81	2.75	281	3.3	10.5	11.9	12.0	5,213	71,910	10.51
Other tenants	60	34.0	0.8	0.5	0.7	151	18,670	5.02	3.33	30	13.5	1.1	2.5	2.6	5,044	14,385	9.75
Area 9	5,241	45.9	100.0	100.0	100.0	208	2,820,599	5.83	2.80	1,639	3.7	100.0	100.0	100.0	4,574	345,588	8.77
Owners, part owners, and managers	4,179	45.8	79.7	75.2	75.7	207	2,100,609	5.73	2.77	1,321	3.9	80.6	78.3	79.8	4,487	259,993	8.26
Cash tenants	25	51.2	0.5	0.4	0.4	182	13,855	6.37	3.50	...	...	...	...	...	...	...	...
All share tenants	976	46.3	18.6	23.5	22.9	214	678,815	6.13	2.87	293	3.2	17.9	21.0	19.2	5,017	83,155	11.01
Other tenants	61	43.2	1.2	0.9	0.9	206	27,320	6.05	2.94	25	3.8	1.5	0.7	1.0	3,075	2,440	6.10
Area 10	4,062	39.1	100.0	100.0	100.0	211	1,413,669	5.54	2.62	1,413	4.4	100.0	100.0	100.0	5,222	275,570	9.55
Owners, part owners, and managers	3,590	38.5	88.4	85.7	84.0	215	1,208,197	5.64	2.62	1,277	4.6	90.4	87.5	89.2	5,121	243,006	9.44
Cash tenants	25	41.7	0.6	0.8	0.7	227	10,055	5.28	2.33	20	12.5	1.4	2.0	2.0	5,333	5,195	9.11
All share tenants	426	43.4	10.5	12.6	14.4	185	178,012	4.86	2.62	111	2.9	7.9	10.0	8.5	6,144	25,869	10.55
Other tenants	21	33.9	0.5	1.0	0.9	236	17,405	7.90	3.35	5	1.5	0.4	0.5	0.3	8,000	1,500	15.00
Area 11	2,754	22.7	100.0	100.0	100.0	263	939,104	6.57	2.50	1,031	4.7	100.0	100.0	100.0	3,883	170,979	5.82
Owners, part owners, and managers	2,342	22.8	85.0	86.4	83.0	274	800,389	6.75	2.46	870	4.1	84.4	79.2	72.3	4,253	134,419	6.33
Cash tenants	10	8.6	0.4	0.6	0.2	914	6,150	25.10	2.75	10	7.2	1.0	0.3	0.7	1,561	295	1.44
All share tenants	377	22.9	13.7	12.3	16.1	200	127,665	5.53	2.77	146	7.8	14.2	20.5	27.0	2,949	36,195	4.57
Other tenants	25	15.6	0.9	0.7	0.7	262	4,900	4.76	1.81	5	0.2	0.5	0.1	0.1	4,667	70	4.67
Indiana, total	101,323	58.4	100.0	100.0	100.0	258	58,263,631	7.46	2.89	37,718	6.3	100.0	100.0	100.0	3,976	4,989,821	5.92
Owners, part owners, and managers	77,361	57.1	76.4	70.2	68.1	266	40,778,595	7.66	2.88	29,747	6.8	78.9	75.0	74.9	3,981	3,679,238	5.83
Cash tenants	825	60.3	0.8	0.7	0.7	262	394,020	7.57	2.89	285	5.5	0.8	0.5	0.6	3,537	26,470	5.62
All share tenants	21,315	61.6	21.0	27.4	29.4	241	16,098,286	7.02	2.92	7,189	5.3	19.1	23.3	23.2	3,987	1,219,751	6.24
Other tenants	1,822	57.3	1.8	1.7	1.8	247	992,730	7.01	2.84	497	4.5	1.3	1.2	1.3	3,681	64,362	5.82
Areas 1, A, and B	6,421	63.5	100.0	100.0	100.0	277	4,919,713	8.51	3.07	2,207	5.9	100.0	100.0	100.0	4,403	419,028	7.79
Owners, part owners, and managers	5,010	62.6	78.0	73.9	71.8	286	3,645,050	8.78	3.07	1,696	6.5	76.8	77.3	80.1	4,253	314,198	7.30
Cash tenants	160	57.1	2.5	2.0	2.1	269	96,645	8.09	3.01	55	3.4	2.5	1.0	1.3	3,427	5,040	7.05
All share tenants	1,156	66.5	18.0	22.0	24.3	251	1,079,913	7.68	3.06	426	4.5	19.3	21.0	17.7	5,227	97,160	10.24
Other tenants	95	67.1	1.5	2.0	1.8	309	98,105	9.23	2.99	30	3.2	1.4	0.7	0.9	3,109	2,630	5.21
Area 2a	9,149	68.9	100.0	100.0	100.0	277	7,998,667	8.61	3.11	2,967	5.5	100.0	100.0	100.0	4,394	456,427	6.11
Owners, part owners, and managers	6,633	68.0	72.5	65.1	63.0	286	5,208,668	8.89	3.11	2,102	5.7	70.8	62.8	65.4	4,216	280,882	5.75
Cash tenants	70	82.6	0.8	0.4	0.5	272	32,470	7.69	2.83	15	3.4	0.5	0.1	0.2	2,571	1,850	10.57
All share tenants	2,256	70.4	24.7	32.9	34.8	262	2,627,209	8.13	3.10	805	5.4	27.1	36.1	33.4	4,752	168,970	6.79
Other tenants	190	66.0	2.1	1.6	1.8	250	130,320	7.97	3.19	45	2.9	1.5	1.0	1.0	4,497	4,725	6.52
Area 2b	15,212	61.1	100.0	100.0	100.0	245	10,924,689	7.26	2.96	5,619	6.5	100.0	100.0	100.0	3,640	943,803	5.85
Owners, part owners, and managers	9,776	60.4	64.3	58.9	56.5	255	6,441,244	7.58	2.97	3,734	7.1	66.5	59.5	62.2	3,480	555,909	5.54
Cash tenants	95	57.1	0.6	0.4	0.5	225	45,495	6.59	2.92	30	4.3	0.5	0.4	0.3	4,427	3,100	6.02
All share tenants	5,065	62.1	33.3	38.9	41.1	232	4,238,670	6.85	2.95	1,789	5.9	31.8	39.3	36.3	3,934	378,194	6.45
Other tenants	276	61.5	1.8	1.8	1.9	227	199,280	6.88	3.04	66	3.8	1.2	0.8	1.1	2,734	6,600	3.73
Areas 3 and C	15,182	55.6	100.0	100.0	100.0	240	6,839,570	6.87	2.87	4,171	4.8	100.0	100.0	100.0	3,190	434,185	5.05
Owners, part owners, and managers	11,612	54.9	76.5	71.9	70.6	244	4,952,135	7.05	2.89	3,281	5.1	78.7	77.8	76.6	3,242	337,375	5.13
Cash tenants	90	57.6	0.6	0.4	0.5	222	32,940	7.04	3.17	35	3.9	0.8	0.3	0.4	2,286	1,675	5.32
All share tenants	3,185	58.1	21.0	25.7	26.9	229	1,723,700	6.44	2.82	810	4.1	19.4	20.7	21.9	3,018	89,685	4.77
Other tenants	295	49.6	1.9	2.0	2.0	243	130,795	6.62	2.72	45	2.5	1.1	1.2	1.2	3,271	5,450	5.37
Area 4	10,950	62.4	100.0	100.0	100.0	245	6,020,978	6.86	2.80	2,373	4.1	100.0	100.0	100.0	3,850	320,346	5.50
Owners, part owners, and managers	7,845	61.6	71.6	65.4	65.3	245	3,946,033	6.89	2.81	1,658	4.3	69.9	68.6	67.9	3,895	219,386	5.55
Cash tenants	100	71.8	0.9	1.1	1.0	253	69,790	7.78	3.08	30	8.6	1.3	2.0	1.8	4,121	6,790	6.32
All share tenants	2,780	64.0	25.4	31.4	31.5	244	1,875,165	6.79	2.78	645	3.8	27.2	27.4	28.2	3,735	87,240	5.30
Other tenants	225	59.0	2.1	2.2	2.2	237	129,990	6.61	2.79	40	3.6	1.7	2.0	2.1	3,708	6,930	5.78
Areas 5 and D	14,260	60.9	100.0	100.0	100.0	248	8,092,565	6.84	2.72	5,314	6.8	100.0	100.0	100.0	3,663	689,357	5.20
Owners, part owners, and managers	10,165	59.8	71.3	66.3	64.4	256	5,397,625	7.09	2.77	3,934	7.4	74.0	72.6	71.0	3,745	488,997	5.19
Cash tenants	175	55.0	1.2	0.8	0.7	298	60,790	7.41	2.48	50	4.2	0.9	0.4	0.5	3,472	2,930	4.69
All share tenants	3,635	63.8	25.5	31.1	33.2	233	2,494,540	6.35	2.73	1,240	5.8	23.3	25.5	27.0	3,463	184,730	5.16
Other tenants	285	55.0	2.0	1.8	1.7	251	139,610	6.75	2.69	90	5.5	1.7	1.5	1.6	3,447	12,700	6.11

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Indians—Continued																	
Areas 6 and E	13,211	50.4	100.0	100.0	100.0	260	7,468,371	7.70	2.96	6,832	7.2	100.0	100.0	100.0	4,100	944,925	6.80
Owners, part owners, and managers	11,011	50.4	83.3	79.6	78.1	265	5,879,297	7.77	2.93	5,850	7.7	85.6	81.9	82.7	4,059	771,088	6.71
Cash tenants	60	55.2	0.5	0.3	0.2	339	20,270	10.24	3.02	25	19.8	0.4	0.3	0.5	2,127	1,835	2.58
All share tenants	1,960	49.6	14.8	19.0	20.3	244	1,493,639	7.60	3.12	877	5.4	12.8	16.2	15.3	4,351	155,247	7.30
Other tenants	180	59.5	1.4	1.1	1.4	206	75,165	5.43	2.64	80	8.8	1.2	1.6	1.5	4,477	16,755	8.16
Area 7	7,383	49.2	100.0	100.0	100.0	295	2,826,635	7.72	2.62	3,744	8.6	100.0	100.0	100.0	4,616	349,902	5.50
Owners, part owners, and managers	6,920	49.1	93.7	92.5	92.0	296	2,604,415	7.74	2.61	3,527	8.8	94.2	94.7	94.8	4,610	332,860	5.51
Cash tenants	20	45.2	0.3	0.4	0.4	263	10,300	6.60	2.51	10	1.4	0.3	0.1	0.1	6,000	300	6.00
All share tenants	347	52.9	4.7	5.9	6.3	275	177,965	7.71	2.80	176	6.4	4.7	4.5	4.4	4,702	15,130	5.43
Other tenants	96	43.9	1.3	1.3	1.3	284	33,955	7.07	2.49	31	4.1	0.8	0.7	0.7	4,757	1,612	3.59
Areas 8 and F	9,555	47.8	100.0	100.0	100.0	302	3,172,443	7.86	2.60	4,491	8.7	100.0	100.0	100.0	4,770	431,848	5.88
Owners, part owners, and managers	8,389	47.3	87.8	85.5	83.9	308	2,704,128	7.99	2.60	3,965	9.0	88.3	88.6	87.6	4,823	378,543	5.89
Cash tenants	55	64.1	0.6	0.7	0.9	250	25,320	7.02	2.81	35	9.4	0.8	0.7	0.7	4,434	2,950	5.57
All share tenants	931	50.8	9.7	12.0	13.5	268	387,485	7.09	2.65	421	6.8	9.4	9.4	10.0	4,494	43,395	5.92
Other tenants	180	48.4	1.9	1.8	1.7	323	55,510	8.14	2.52	70	8.9	1.6	1.4	1.7	3,778	6,960	5.52
Iowa, total	111,004	26.7	100.0	100.0	100.0	175	46,771,168	6.67	3.82	30,422	2.7	100.0	100.0	100.0	4,230	4,535,046	6.29
Owners, part owners, and managers	63,085	26.0	56.8	56.0	53.6	182	25,943,811	6.90	3.79	20,224	3.3	66.5	65.0	65.7	4,180	2,943,361	6.21
Cash tenants	5,472	26.7	4.9	3.8	4.1	163	1,780,345	6.20	3.81	1,376	2.7	4.5	4.5	4.1	4,602	189,620	6.42
All share tenants	41,256	27.7	37.2	39.3	41.2	166	18,595,127	6.43	3.87	8,551	2.0	28.1	29.8	29.4	4,293	1,367,825	6.46
Other tenants	1,191	26.1	1.1	0.9	1.0	159	451,885	6.29	3.95	271	2.1	0.9	0.8	0.8	4,175	34,240	6.05
Area 1a	11,561	26.6	100.0	100.0	100.0	181	5,694,786	7.38	4.07	1,118	1.1	100.0	100.0	100.0	3,067	207,333	6.68
Owners, part owners, and managers	5,449	27.7	47.1	49.9	47.2	191	2,829,006	7.76	4.05	598	1.3	53.5	53.9	54.7	3,025	109,603	6.46
Cash tenants	1,110	26.8	9.6	7.6	8.2	169	430,945	6.82	4.05	90	0.7	8.1	5.0	5.2	2,969	13,455	8.36
All share tenants	4,907	25.5	42.4	41.7	43.8	172	2,387,995	7.06	4.09	430	0.9	38.5	41.1	40.2	3,138	84,275	6.76
Other tenants	95	26.7	0.8	0.7	0.7	179	46,840	8.17	4.57	...	...	...	...	...	...	...	...
Areas 1b, A, and B	14,696	26.8	100.0	100.0	100.0	159	7,499,271	7.59	4.78	1,581	1.1	100.0	100.0	100.0	3,462	262,927	6.56
Owners, part owners, and managers	7,703	26.1	52.4	51.3	50.4	162	3,850,149	7.74	4.78	964	1.2	61.0	59.8	59.4	3,487	156,092	6.56
Cash tenants	316	24.2	2.2	1.6	1.6	154	124,845	7.82	5.09	25	1.7	1.6	3.1	2.8	3,824	8,145	7.18
All share tenants	6,497	27.8	44.2	46.1	46.9	156	3,442,277	7.44	4.76	567	0.9	35.9	35.7	36.2	3,408	94,900	6.54
Other tenants	180	24.8	1.2	1.0	1.1	140	82,000	7.47	5.35	25	1.4	1.6	1.4	1.6	3,072	3,790	6.06
Area 2a	8,604	34.6	100.0	100.0	100.0	176	4,268,180	5.85	3.33	312	0.5	100.0	100.0	100.0	2,496	56,442	5.61
Owners, part owners, and managers	4,283	33.9	49.8	49.7	47.5	184	2,065,595	5.96	3.24	172	0.5	55.1	51.0	53.7	2,368	30,952	5.73
Cash tenants	250	27.7	2.9	2.3	2.2	184	96,170	6.06	3.30	5	0.1	1.6	0.6	0.4	4,000	250	6.25
All share tenants	3,981	35.8	46.3	47.1	49.1	169	2,061,035	5.76	3.41	130	0.5	41.7	48.0	45.1	2,657	24,490	5.40
Other tenants	90	38.7	1.0	1.0	1.2	136	45,380	5.06	3.71	5	0.3	1.6	0.4	0.8	1,250	750	9.38
Areas 2b and C	15,638	29.8	100.0	100.0	100.0	175	7,722,952	6.65	3.80	1,372	0.9	100.0	100.0	100.0	3,318	196,155	5.90
Owners, part owners, and managers	7,372	30.1	47.1	49.2	46.9	184	3,819,887	7.00	3.82	807	1.1	58.8	55.9	58.9	3,152	111,680	5.71
Cash tenants	405	32.9	2.6	2.1	2.3	165	166,965	6.34	3.85	60	1.5	4.4	3.1	3.6	2,863	6,470	5.37
All share tenants	7,696	29.6	49.2	48.0	50.3	167	3,678,390	6.30	3.77	500	0.6	36.4	40.5	37.2	3,611	76,580	6.19
Other tenants	165	24.1	1.1	0.7	0.8	165	57,710	6.28	3.81	5	0.3	0.4	0.5	0.3	5,000	1,425	14.25
Area 3a	5,615	14.1	100.0	100.0	100.0	184	1,795,784	7.71	4.19	3,032	4.1	100.0	100.0	100.0	3,541	390,114	5.72
Owners, part owners, and managers	3,762	14.3	67.0	65.5	63.9	189	1,172,549	7.88	4.18	2,146	4.6	70.8	70.7	70.5	3,551	275,384	5.73
Cash tenants	120	15.3	2.1	1.8	1.7	188	37,135	9.31	4.94	25	1.6	0.8	0.5	0.6	3,259	2,015	4.98
All share tenants	1,678	13.5	29.9	31.8	33.6	174	570,995	7.29	4.19	831	3.4	27.4	28.3	28.4	3,525	110,810	5.72
Other tenants	55	16.2	1.0	0.8	0.8	196	15,105	8.35	4.27	30	3.3	1.0	0.5	0.5	3,288	1,905	5.22
Area 3b	6,895	16.7	100.0	100.0	100.0	200	2,183,919	7.20	3.60	4,253	5.7	100.0	100.0	100.0	3,920	617,499	5.95
Owners, part owners, and managers	5,257	16.1	76.2	73.4	71.4	206	1,603,926	7.40	3.60	3,317	6.1	78.0	75.8	78.9	3,767	470,314	5.74
Cash tenants	80	12.6	1.2	0.7	0.8	172	13,850	5.84	3.39	50	4.4	1.2	1.1	0.8	5,169	5,680	6.84
All share tenants	1,483	18.9	21.5	25.0	26.8	187	547,143	6.73	3.60	851	4.7	20.0	22.4	19.6	4,477	137,060	6.75
Other tenants	75	14.1	1.1	0.9	1.0	182	19,000	6.28	3.44	35	3.7	0.8	0.8	0.8	4,064	4,445	5.66
Area 4	24,468	36.2	100.0	100.0	100.0	158	8,294,711	5.60	3.53	5,878	3.0	100.0	100.0	100.0	4,986	794,671	6.37
Owners, part owners, and managers	14,818	35.3	60.6	59.1	57.2	164	4,925,176	5.81	3.55	3,933	3.4	66.9	64.6	64.5	4,993	517,761	6.43
Cash tenants	1,690	35.0	6.9	5.2	5.7	144	443,265	5.28	3.66	300	2.4	5.1	4.8	4.6	5,231	34,915	6.09
All share tenants	7,680	38.0	31.4	34.5	35.9	152	2,834,365	5.32	3.49	1,585	2.6	27.0	29.5	29.7	4,951	233,440	6.30
Other tenants	280	35.6	1.1	1.2	1.2	155	91,905	5.27	3.40	60	3.1	1.0	1.1	1.2	4,490	8,555	5.59
Area 5	10,178	17.9	100.0	100.0	100.0	191	4,193,664	7.43	3.89	6,423	5.0	100.0	100.0	100.0	4,274	1,022,052	6.48
Owners, part owners, and managers	5,725	17.9	56.2	59.1	55.1	205	2,376,867	7.64	3.73	3,981	5.7	62.0	62.1	62.6	4,242	633,992	6.43
Cash tenants	490	16.5	4.8	3.8	4.4	168	158,925	6.46	3.84	255	4.0	4.0	4.0	3.8	4,457	42,670	7.09
All share tenants	3,862	17.9	37.9	36.1	39.6	174	1,616,272	7.23	4.15	2,141	4.2	33.3	33.6	33.2	4,318	341,750	6.53
Other tenants	101	18.7	1.0	0.9	1.0	176	41,600	7.43	4.23	46	2.0	0.7	0.3	0.4	3,787	3,640	5.97

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Iowa—Continued																	
Areas 6 and D	13,349	26.4	100.0	100.0	100.0	192	5,117,901	6.59	3.43	6,453	5.2	100.0	100.0	100.0	4,842	987,853	6.50
Owners, part owners, and managers	8,716	25.8	65.3	64.3	62.4	198	3,300,656	6.81	3.44	4,306	5.3	66.7	64.2	65.2	4,769	637,583	6.44
Cash tenants	1,011	25.1	7.6	5.9	6.5	174	308,245	6.07	3.48	566	6.2	8.8	8.2	8.3	4,839	76,020	6.07
All share tenants	3,472	28.1	26.0	28.7	29.9	185	1,456,655	6.28	3.40	1,516	4.7	23.5	26.5	25.5	5,030	264,520	6.82
Other tenants	150	28.5	1.1	1.0	1.2	170	52,345	5.73	3.37	65	4.9	1.0	1.0	1.0	4,818	9,730	6.22
Kansas, total	45,883	12.8	100.0	100.0	100.0	117	18,280,568	4.81	4.13	7,127	0.6	100.0	100.0	100.0	3,975	1,055,560	5.89
Owners, part owners, and managers	32,780	13.0	71.4	73.5	71.8	119	13,345,637	4.89	4.10	5,505	0.7	77.2	78.9	79.1	3,969	819,137	5.78
Cash tenants	806	22.4	1.8	1.4	1.2	128	246,396	5.22	4.08	72	0.6	1.0	0.7	0.7	4,029	7,065	5.67
All share tenants	11,661	11.8	25.4	23.9	25.6	109	4,452,254	4.58	4.21	1,439	0.4	20.2	18.8	18.5	4,033	205,498	6.20
Other tenants	636	15.9	1.4	1.3	1.3	112	236,281	4.70	4.19	111	1.0	1.6	1.6	1.8	3,624	23,860	7.60
Area 1	594	1.0	100.0	100.0	100.0	79	251,124	4.24	5.34	10	(Z)	100.0	100.0	100.0	5,333	2,600	8.67
Owners, part owners, and managers	411	0.9	69.2	71.4	70.2	81	182,336	4.39	5.43	10	(Z)	100 0	100.0	100.0	5,333	2,600	8.67
Cash tenants	14	1.6	2.4	0.3	0.4	68	878	3.75	5.49	...	...	...	...	...	...	...	...
All share tenants	157	0.9	26.4	25.6	25.5	80	57,900	3.84	4.81	...	...	...	...	...	...	...	...
Other tenants	12	4.4	2.0	2.6	3.9	54	10,010	4.35	8.07	...	...	...	...	...	...	...	...
Area 2a	1,607	2.4	100.0	100.0	100.0	84	642,509	3.67	4.38	33	(Z)	100.0	100.0	100.0	3,720	10,079	8.44
Owners, part owners, and managers	938	2.1	58.4	63.1	62.7	84	397,802	3.62	4.30	22	(Z)	66.7	64.0	64.8	3,672	7,459	9.64
Cash tenants	6	1.3	0.4	0.4	0.1	459	1,000	7.41	1.61	...	...	...	...	...	...	...	...
All share tenants	647	3.1	40.3	36.2	36.9	82	241,683	3.74	4.56	11	(Z)	33.3	36.0	35.2	3,810	2,620	6.24
Other tenants	16	0.7	1.0	0.3	0.3	86	2,024	4.35	5.06	...	...	...	...	...	...	...	...
Area 2b	798	3.4	100.0	100.0	100.0	99	303,734	4.25	4.30	12	(Z)	100.0	100.0	100.0	2,852	1,267	4.69
Owners, part owners, and managers	554	3.6	69.4	66.0	72.8	90	221,686	4.26	4.75	12	(Z)	100.0	100.0	100.0	2,852	1,267	4.69
Cash tenants	7	4.4	0.9	0.5	0.4	117	1,255	4.33	3.69	...	...	...	...	...	...	...	...
All share tenants	237	3.2	29.7	33.5	26.7	124	80,793	4.23	3.41	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Areas 3a and A	5,712	19.4	100.0	100.0	100.0	86	2,320,667	3.62	4.19	753	0.6	100.0	100.0	100.0	3,505	125,207	6.22
Owners, part owners, and managers	3,773	20.2	66.1	69.4	68.7	87	1,609,604	3.65	4.19	526	0.7	69.9	72.5	71.5	3,554	86,954	6.03
Cash tenants	65	15.1	1.1	0.7	0.6	109	17,135	4.68	4.28	20	0.8	2.7	0.8	0.9	2,842	865	4.55
All share tenants	1,791	17.5	31.4	28.3	29.2	84	659,038	3.52	4.20	192	0.5	25.5	25.2	26.1	3,381	35,413	6.73
Other tenants	83	28.7	1.5	1.5	1.6	85	34,890	3.49	4.12	15	0.8	2.0	1.5	1.4	3,818	1,975	7.18
Area 3b	4,461	23.8	100.0	100.0	100.0	96	1,714,872	4.12	4.32	350	0.5	100.0	100.0	100.0	3,518	56,866	6.13
Owners, part owners, and managers	2,925	24.2	65.6	67.3	67.2	96	1,145,438	4.10	4.28	218	0.5	62.3	68.0	67.1	3,567	39,835	6.39
Cash tenants	109	33.8	2.4	2.3	2.3	98	47,173	4.99	5.07	...	...	...	...	...	...	...	...
All share tenants	1,365	22.3	30.6	28.7	29.0	95	494,065	4.09	4.33	132	0.6	37.7	32.0	32.9	3,420	17,031	5.58
Other tenants	62	26.4	1.4	1.6	1.5	102	28,196	4.54	4.43	...	...	...	...	...	...	...	...
Area 4	3,451	10.8	100.0	100.0	100.0	119	1,311,580	5.32	4.49	377	0.4	100.0	100.0	100.0	3,761	65,167	7.77
Owners, part owners, and managers	2,329	11.1	67.5	70.5	71.1	118	952,800	5.44	4.62	247	0.4	65.5	70.3	72.9	3,628	48,177	7.88
Cash tenants	25	13.7	0.7	0.5	0.5	102	6,310	4.73	4.64	...	...	...	...	...	...	...	...
All share tenants	1,047	9.8	30.3	27.6	27.2	120	336,110	5.02	4.16	125	0.3	33.2	28.4	25.9	4,124	16,190	7.46
Other tenants	50	14.7	1.4	1.4	1.2	139	16,360	5.69	4.09	5	0.5	1.3	1.3	1.3	4,000	800	7.62
Area 5	7,358	26.7	100.0	100.0	100.0	121	2,672,963	4.96	4.09	1,071	1.3	100.0	100.0	100.0	3,732	158,680	5.81
Owners, part owners, and managers	5,365	26.4	72.9	73.7	71.3	125	1,941,358	5.05	4.03	824	1.4	76.9	76.4	76.9	3,705	119,248	5.68
Cash tenants	239	22.6	3.2	2.5	2.5	121	64,985	4.84	4.01	21	0.6	2.0	1.5	1.3	4,443	1,975	5.76
All share tenants	1,654	28.4	22.5	22.7	25.1	109	635,209	4.69	4.29	215	1.2	20.1	21.6	21.3	3,785	34,747	5.98
Other tenants	100	20.4	1.4	1.2	1.1	128	31,411	5.30	4.13	11	0.5	1.0	0.5	0.5	3,862	2,710	18.49
Areas 6 and B	8,237	29.8	100.0	100.0	100.0	144	3,471,571	6.10	4.24	1,570	2.0	100.0	100.0	100.0	4,027	229,870	5.96
Owners, part owners, and managers	6,017	30.3	73.0	74.5	73.1	147	2,544,624	6.12	4.17	1,216	2.2	77.5	76.3	77.5	3,965	178,678	5.98
Cash tenants	151	36.0	1.8	2.0	1.8	165	64,945	6.47	3.93	6	0.9	0.4	0.6	0.6	4,017	1,440	6.03
All share tenants	1,959	28.3	23.8	22.3	23.8	135	818,932	6.05	4.48	308	1.4	19.6	20.3	17.8	4,573	44,287	6.44
Other tenants	110	26.8	1.3	1.1	1.4	119	43,070	5.43	4.58	40	5.3	2.5	2.9	4.1	2,813	5,465	3.47
Area 7a	7,818	32.9	100.0	100.0	100.0	139	2,972,896	5.59	4.03	1,765	2.7	100.0	100.0	100.0	4,079	232,231	5.28
Owners, part owners, and managers	6,112	33.6	78.2	80.7	80.1	140	2,403,383	5.64	4.03	1,495	3.1	84.7	86.7	88.4	3,999	199,596	5.13
Cash tenants	115	26.7	1.5	1.0	1.0	136	26,445	4.84	3.55	15	1.5	0.8	0.7	0.7	3,774	1,425	4.60
All share tenants	1,479	31.0	18.9	17.0	17.6	134	503,791	5.39	4.01	235	1.4	13.3	11.4	9.9	4,724	27,600	6.34
Other tenants	112	30.2	1.4	1.3	1.4	135	39,277	5.46	4.06	20	1.9	1.1	1.2	1.0	5,045	3,610	8.20
Area 7b	5,847	46.7	100.0	100.0	100.0	130	2,618,652	4.80	3.68	1,186	2.5	100.0	100.0	100.0	4,506	173,593	5.83
Owners, part owners, and managers	4,356	46.8	74.5	75.4	73.6	134	1,946,606	4.84	3.63	935	2.8	78.8	81.8	79.9	4,610	135,323	5.68
Cash tenants	75	35.1	1.3	0.6	0.6	143	16,270	5.18	3.63	10	1.8	0.8	0.6	0.6	5,030	1,360	8.24
All share tenants	1,325	47.4	22.7	22.7	24.4	121	624,733	4.68	3.87	221	1.8	18.6	15.6	17.5	4,017	27,610	5.30
Other tenants	91	37.7	1.6	1.3	1.3	125	31,043	4.23	3.37	20	3.1	1.7	2.0	2.0	4,500	9,300	15.50

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Kentucky, total	107,617	27.7	100.0	100.0	100.0	407	25,598,119	10.10	2.49	23,656	5.9	100.0	100.0	100.0	3,683	2,828,327	5.22
Owners, part owners, and managers	82,446	27.3	76.6	77.3	80.7	389	19,689,700	9.63	2.47	20,626	6.3	87.2	87.1	86.8	3,697	2,450,231	5.21
Cash tenants	314	21.3	0.3	0.3	0.3	323	72,185	8.91	2.76	34	3.2	0.1	0.2	0.2	3,541	4,692	3.86
All share tenants	12,537	26.7	11.6	12.9	11.4	460	3,369,321	11.64	2.53	1,964	4.7	8.3	8.9	9.3	3,524	270,469	5.36
Croppers	9,638	38.7	9.0	7.3	5.3	556	1,874,740	13.96	2.51	630	3.2	2.7	2.2	2.1	3,918	55,235	4.96
Other tenants	2,682	28.4	2.5	2.3	2.2	414	592,173	10.50	2.54	402	4.4	1.7	1.6	1.6	3,561	47,700	5.41
Area 1	6,101	32.1	100.0	100.0	100.0	247	1,441,829	6.42	2.60	2,438	7.9	100.0	100.0	100.0	3,357	325,211	5.87
Owners, part owners, and managers	5,202	33.0	85.3	88.4	87.6	250	1,275,839	6.49	2.60	2,267	8.6	93.0	92.2	92.6	3,343	300,366	5.86
Cash tenants	15	16.1	0.2	0.1	0.1	204	1,340	4.87	2.39	...	...	...	...	...	...	...	...
All share tenants	453	25.0	7.4	6.6	7.4	220	93,650	5.61	2.56	106	4.5	4.3	5.7	5.4	3,550	17,960	6.03
Croppers	276	28.6	4.5	3.0	2.8	268	42,580	6.76	2.52	5	0.3	0.2	0.2	0.1	4,000	600	8.57
Other tenants	155	35.9	2.5	1.8	2.1	218	28,420	6.10	2.80	60	8.0	2.5	1.9	1.9	3,413	6,285	6.04
Area 2	4,726	34.4	100.0	100.0	100.0	259	1,519,180	6.44	2.49	1,374	5.6	100.0	100.0	100.0	3,445	217,230	5.65
Owners, part owners, and managers	3,493	33.6	73.9	74.9	72.9	266	1,154,230	6.71	2.52	1,092	5.9	79.5	78.8	78.4	3,465	178,645	5.93
Cash tenants	25	26.4	0.5	0.7	0.6	274	8,970	6.08	2.22	5	4.5	0.4	0.8	0.7	4,000	600	2.40
All share tenants	721	38.0	15.3	17.3	19.6	228	247,445	5.35	2.34	202	4.8	14.7	14.3	15.1	3,259	25,165	4.34
Croppers	332	33.2	7.0	3.7	3.3	292	56,960	7.36	2.52	25	2.4	1.8	1.6	1.4	3,766	3,440	6.20
Other tenants	155	37.3	3.3	3.4	3.6	241	51,575	6.03	2.50	50	7.4	3.6	4.6	4.4	3,537	9,380	5.50
Area 3a	10,064	31.9	100.0	100.0	100.0	302	2,468,341	7.06	2.34	2,893	7.4	100.0	100.0	100.0	3,570	422,905	5.22
Owners, part owners, and managers	8,934	31.8	88.8	89.8	89.4	303	2,210,934	7.07	2.33	2,737	7.6	94.6	93.4	92.3	3,613	395,088	5.29
Cash tenants	15	16.0	0.1	0.1	0.1	564	3,840	13.71	2.43	...	...	...	...	...	...	...	...
All share tenants	549	31.5	5.5	5.2	6.4	247	136,737	6.15	2.49	76	6.0	2.6	4.6	5.2	3,137	19,122	4.52
Croppers	365	42.3	3.6	3.4	2.7	384	80,530	8.52	2.22	45	6.6	1.6	1.6	1.8	3,064	5,980	4.03
Other tenants	201	31.5	2.0	1.4	1.4	291	36,300	7.33	2.52	35	3.5	1.2	0.5	0.7	2,440	2,715	4.98
Area 3b	8,637	34.0	100.0	100.0	100.0	390	2,171,533	9.10	2.33	1,690	4.9	100.0	100.0	100.0	4,193	194,251	5.61
Owners, part owners, and managers	7,002	33.3	81.1	82.7	84.2	383	1,790,963	8.91	2.32	1,495	5.0	88.5	88.5	86.5	4,288	174,566	5.83
Cash tenants	5	27.3	0.1	(Z)	(Z)	160	215	2.87	1.79	...	...	...	...	...	...	...	...
All share tenants	690	35.7	8.0	8.1	8.2	382	176,675	9.00	2.35	110	6.1	6.5	7.0	9.7	3,036	13,030	3.90
Croppers	735	46.9	8.5	6.8	5.2	511	151,075	12.21	2.39	55	3.0	3.3	2.9	2.3	5,321	3,875	4.97
Other tenants	205	34.0	2.4	2.4	2.3	409	52,605	9.45	2.31	30	3.3	1.8	1.7	1.6	4,463	2,780	5.15
Area 4	11,940	40.9	100.0	100.0	100.0	339	3,784,519	7.90	2.33	3,404	8.4	100.0	100.0	100.0	3,873	402,988	4.08
Owners, part owners, and managers	8,513	39.0	71.3	76.6	76.6	339	2,923,274	7.96	2.35	2,838	8.8	83.4	84.5	83.3	3,932	334,573	4.06
Cash tenants	11	47.4	0.1	0.2	0.2	400	8,725	9.97	2.49	1	16.3	(Z)	0.3	0.3	4,000	1,200	4.00
All share tenants	1,291	45.3	10.8	11.9	12.8	315	431,020	7.02	2.23	375	8.4	11.0	10.5	11.6	3,511	46,390	4.06
Croppers	1,770	57.9	14.8	9.2	8.1	383	346,780	8.90	2.33	140	5.5	4.1	3.6	3.7	3,728	15,705	4.28
Other tenants	355	39.2	3.0	2.0	2.3	305	74,720	6.86	2.25	50	4.1	1.5	1.1	1.2	3,675	5,120	4.49
Area 5	17,071	33.9	100.0	100.0	100.0	402	3,320,429	9.68	2.41	2,986	4.7	100.0	100.0	100.0	4,039	273,415	5.73
Owners, part owners, and managers	14,324	33.4	83.9	84.6	85.4	398	2,813,012	9.60	2.41	2,771	5.0	92.8	92.7	92.7	4,035	252,420	5.70
Cash tenants	10	9.3	0.1	(Z)	(Z)	600	725	9.06	1.51	...	...	...	...	...	...	...	...
All share tenants	1,077	30.4	6.3	6.6	6.2	424	217,282	10.15	2.40	100	2.3	3.3	3.7	3.3	4,439	11,400	7.15
Croppers	1,310	47.5	7.7	6.9	6.4	434	229,040	10.40	2.40	85	2.6	2.8	2.4	2.6	3,796	6,090	4.97
Other tenants	350	37.5	2.1	1.9	1.9	399	60,370	9.42	2.36	30	3.8	1.0	1.3	1.4	3,767	3,505	5.43
Areas 6, A, and B	27,145	17.3	100.0	100.0	100.0	632	6,451,376	16.67	2.64	4,939	4.9	100.0	100.0	100.0	3,595	594,201	5.42
Owners, part owners, and managers	18,301	16.6	67.4	67.6	72.8	587	4,339,305	15.41	2.62	3,926	5.3	79.5	81.2	82.3	3,549	459,146	5.09
Cash tenants	115	20.1	0.4	0.3	0.5	429	27,750	13.94	3.25	15	2.9	0.3	0.3	0.3	3,614	1,370	4.81
All share tenants	4,783	17.8	17.6	19.6	17.6	704	1,278,902	18.79	2.67	723	4.1	14.6	14.7	14.2	3,721	111,205	7.12
Croppers	3,215	26.2	11.8	9.7	6.3	980	624,690	25.76	2.63	190	2.2	3.8	2.3	1.9	4,338	12,585	6.08
Other tenants	731	20.8	2.7	2.8	2.9	609	180,729	16.24	2.67	85	2.7	1.7	1.5	1.3	4,007	9,895	6.75
Area 7	8,603	16.5	100.0	100.0	100.0	685	2,621,182	18.88	2.76	1,419	4.2	100.0	100.0	100.0	3,772	187,247	5.30
Owners, part owners, and managers	4,872	15.3	56.6	59.3	70.6	575	1,573,122	16.04	2.79	1,126	4.5	79.4	81.8	81.1	3,805	156,457	5.46
Cash tenants	46	22.6	0.5	0.7	2.1	220	17,875	6.28	2.86	6	2.2	0.4	0.6	0.8	2,727	1,015	3.69
All share tenants	2,102	19.3	24.4	25.9	18.8	945	657,420	25.25	2.67	191	3.3	13.5	12.4	12.6	3,710	20,770	4.66
Croppers	1,245	31.0	14.5	10.9	6.5	1,147	284,880	31.67	2.76	55	2.8	3.9	2.2	2.3	3,714	4,070	5.06
Other tenants	338	12.3	3.9	3.3	2.1	1,094	87,885	30.61	2.80	41	4.9	2.9	3.0	3.2	3,480	4,935	4.35
Areas 8 and C	11,664	20.0	100.0	100.0	100.0	562	1,661,882	13.74	2.45	1,984	5.1	100.0	100.0	100.0	3,570	161,568	5.26
Owners, part owners, and managers	10,313	20.1	88.4	89.0	90.0	555	1,466,988	13.47	2.43	1,872	5.4	94.4	95.9	95.9	3,572	154,924	5.26
Cash tenants	51	6.8	0.4	0.1	0.1	652	2,190	16.22	2.49	6	5.3	0.3	0.3	0.3	3,038	482	4.63
All share tenants	789	18.8	6.8	6.9	5.8	672	121,875	17.46	2.60	66	1.8	3.3	1.7	2.2	2,746	3,047	4.58
Croppers	350	24.4	3.0	3.0	3.2	528	53,730	13.72	2.60	30	2.9	1.5	2.0	1.5	4,774	2,890	6.22
Other tenants	161	14.6	1.4	0.9	0.8	606	17,099	16.65	2.75	10	0.6	0.5	0.1	0.1	3,250	225	5.62
Area 9	1,666	14.9	100.0	100.0	100.0	435	157,848	10.02	2.30	529	9.3	100.0	100.0	100.0	2,975	49,311	5.01
Owners, part owners, and managers	1,492	15.5	89.6	88.9	90.2	429	142,033	10.00	2.33	502	9.7	94.9	90.6	90.8	2,968	44,046	4.92
Cash tenants	21	4.4	1.3	0.4	0.4	348	555	8.04	2.31	1	0.1	0.2	(Z)	(Z)	5,000	25	12.50
All share tenants	82	9.1	4.9	6.0	5.2	501	8,315	10.15	2.03	15	3.8	2.8	4.3	3.5	3,652	2,380	6.90
Croppers	40	20.4	2.4	3.0	2.1	621	4,475	13.36	2.15	...	...	...	...	...	...	...	...
Other tenants	31	16.4	1.9	1.7	2.1	357	2,470	7.60	2.13	11	28.0	2.1	5.1	5.6	2,667	2,860	5.15
Louisiana, total	52,279	47.1	100.0	100.0	100.0	232	17,369,653	7.63	3.29	1,845	1.6	100.0	100.0	100.0	1,904	401,836	5.26
Owners, part owners, and managers	26,129	41.7	50.0	68.0	66.2	238	11,717,010	7.78	3.26	1,640	1.9	88.9	92.1	90.2	1,945	367,473	5.33
Cash tenants	1,811	50.2	3.5	3.2	3.1	239	602,753	8.56	3.58	37	0.7	2.0	0.9	1.2	1,398	4,790	5.15
All share tenants	13,135	62.5	25.1	18.8	21.1	207	3,330,691	6.92	3.35	92	0.5	5.0	3.3	4.8	1,319	14,868	4.05
Croppers	9,859	79.9	18.9	8.2	7.9	243	1,428,957	7.96	3.28	40	0.8	2.2	1.7	2.2	1,499	6,275	3.70
Other tenants	1,345	47.0	2.6	1.8	1.7	240	290,242	7.53	3.13	36	1.5	2.0	1.9	1.6	2,301	8,430	6.85

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Louisiana—Continued																	
Areas 1 and A	4,923	43.4	100.0	100.0	100.0	214	1,832,176	8.36	3.92	101	0.9	100.0	100.0	100.0	2,265	22,900	5.14
Owners, part owners, and managers	2,094	37.7	42.5	71.9	69.6	221	1,284,710	8.43	3.82	90	1.0	89.1	92.4	89.9	2,327	20,365	5.08
Cash tenants	202	42.6	4.1	4.1	4.5	193	89,011	9.03	4.67	...	...	...	...	...	...	...	...
All share tenants	608	60.2	12.4	8.4	9.7	186	172,900	8.15	4.38	5	0.9	5.0	7.3	7.3	2,277	2,350	7.23
Croppers	1,930	92.0	39.2	14.5	15.1	206	270,290	8.18	3.97	5	0.1	5.0	0.1	0.9	250	50	1.25
Other tenants	89	36.8	1.8	1.0	1.1	192	15,265	6.12	3.18	1	1.3	1.0	0.2	1.9	235	135	1.59
Area 2	14,309	45.7	100.0	100.0	100.0	245	3,680,256	8.07	3.30	369	2.1	100.0	100.0	100.0	1,703	95,306	4.56
Owners, part owners, and managers	5,578	38.6	39.0	61.6	62.1	243	2,262,876	8.00	3.29	314	2.6	85.1	91.1	89.6	1,731	86,571	4.62
Cash tenants	231	46.7	1.6	2.7	2.2	296	96,564	9.56	3.24	5	0.6	1.4	0.1	0.6	400	185	1.48
All share tenants	2,967	58.3	20.7	15.4	15.5	244	576,806	8.17	3.35	15	0.4	4.1	2.4	2.5	1,619	2,375	4.52
Croppers	5,301	79.6	37.0	19.0	19.1	245	699,580	8.05	3.29	30	1.0	8.1	4.1	5.4	1,304	4,175	3.73
Other tenants	232	40.6	1.6	1.2	1.2	247	44,430	8.22	3.33	5	3.0	1.4	2.2	1.9	2,000	2,000	5.00
Area 3	13,251	54.7	100.0	100.0	100.0	243	2,581,585	7.52	3.09	157	0.7	100.0	100.0	100.0	2,172	29,787	6.53
Owners, part owners, and managers	5,343	45.9	40.3	52.6	50.9	252	1,360,300	7.78	3.09	115	0.9	73.2	80.8	75.6	2,322	23,782	6.90
Cash tenants	434	60.8	3.3	2.9	3.2	223	97,086	8.93	4.01	1	0.3	0.6	0.8	1.1	1,600	250	5.00
All share tenants	5,658	68.1	42.7	34.7	36.3	233	874,730	7.02	3.02	41	0.6	26.1	18.4	23.3	1,714	5,755	5.41
Croppers	1,497	77.4	11.3	7.4	7.3	249	191,284	7.68	3.09	...	...	...	...	...	...	...	...
Other tenants	319	58.8	2.4	2.4	2.4	247	58,185	7.05	2.86	...	...	...	...	...	...	...	...
Area 4	3,458	46.6	100.0	100.0	100.0	292	1,031,471	8.21	2.81	228	3.3	100.0	100.0	100.0	1,909	46,093	5.14
Owners, part owners, and managers	2,290	42.9	66.2	74.8	74.9	291	779,879	8.28	2.84	208	3.6	91.2	87.3	89.1	1,871	39,703	4.97
Cash tenants	202	36.9	5.8	3.9	4.1	278	36,837	7.12	2.57	...	...	...	...	...	...	...	...
All share tenants	306	67.7	8.8	6.6	7.2	268	66,590	7.36	2.74	5	0.7	2.2	0.6	1.1	1,000	340	3.40
Croppers	530	86.1	15.3	12.2	11.3	313	121,910	8.56	2.74	5	3.2	2.2	6.3	6.0	2,000	2,050	3.83
Other tenants	130	48.5	3.8	2.5	2.4	296	26,255	8.57	2.89	10	5.5	4.4	5.8	3.8	2,899	4,000	11.59
Areas 5 and B	5,854	36.5	100.0	100.0	100.0	414	1,538,032	9.91	2.39	751	6.4	100.0	100.0	100.0	2,013	157,143	5.76
Owners, part owners, and managers	4,559	33.9	77.9	85.2	83.6	422	1,295,151	9.98	2.36	711	6.7	94.7	97.4	94.4	2,076	152,413	5.92
Cash tenants	427	51.0	7.3	5.6	5.1	457	97,701	12.43	2.72	25	3.9	3.3	1.5	2.2	1,429	3,185	5.35
All share tenants	315	77.4	5.4	2.7	4.0	279	43,815	6.99	2.50	5	9.3	0.7	0.4	2.8	267	750	1.00
Croppers	256	72.4	4.4	3.9	4.4	363	61,325	8.91	2.46	...	...	...	...	...	...	...	...
Other tenants	297	50.0	5.1	2.6	2.8	381	40,040	9.09	2.38	10	2.0	1.3	0.7	0.6	2,286	795	4.54
Area 6	3,948	57.5	100.0	100.0	100.0	181	2,577,175	7.30	4.03	54	0.3	100.0	100.0	100.0	1,383	7,779	3.99
Owners, part owners, and managers	2,336	55.3	59.2	73.9	73.3	182	1,912,681	7.39	4.05	39	0.4	72.2	90.7	93.1	1,348	7,109	3.92
Cash tenants	230	61.1	5.8	5.7	6.3	164	154,998	7.00	4.26	5	0.1	9.3	3.7	2.6	2,000	270	5.40
All share tenants	1,171	67.2	29.7	16.8	16.7	182	417,666	7.07	3.88	5	0.1	9.3	3.7	3.1	1,667	300	5.00
Croppers	89	63.6	2.3	1.6	1.8	164	40,211	6.47	3.95	...	...	...	...	...	...	...	...
Other tenants	122	59.7	3.1	2.0	1.9	183	51,619	7.53	4.11	5	0.2	9.3	1.9	1.3	2,000	100	4.00
Area 7	5,166	46.6	100.0	100.0	100.0	185	3,654,518	6.46	3.49	85	0.4	100.0	100.0	100.0	1,818	22,111	5.16
Owners, part owners, and managers	2,894	41.6	56.0	65.2	64.2	188	2,398,822	6.60	3.51	69	0.4	81.2	86.8	80.3	1,967	19,113	5.56
Cash tenants	38	48.6	0.7	0.6	0.7	180	25,401	6.76	3.76	...	...	...	...	...	...	...	...
All share tenants	1,958	60.3	37.9	31.8	32.8	180	1,147,107	6.18	3.44	16	0.3	18.8	13.2	19.7	1,212	2,998	3.55
Croppers	175	68.4	3.4	1.0	1.0	190	35,030	6.16	3.25	...	...	...	...	...	...	...	...
Other tenants	101	44.0	2.0	1.3	1.3	183	48,158	6.58	3.60	...	...	...	...	...	...	...	...
Area 8	1,370	33.3	100.0	100.0	100.0	287	474,440	8.09	2.82	100	2.3	100.0	100.0	100.0	1,842	20,717	5.11
Owners, part owners, and managers	1,035	33.4	75.5	90.0	85.9	301	422,591	8.39	2.79	94	2.5	94.0	89.5	92.3	1,786	18,417	4.92
Cash tenants	47	16.4	3.4	1.1	1.2	281	5,155	7.55	2.68	1	2.6	1.0	2.9	2.7	2,000	900	8.18
All share tenants	152	37.6	11.1	5.7	8.7	187	31,077	6.08	3.24	...	...	...	...	...	...	...	...
Croppers	81	52.2	5.9	1.8	3.0	174	9,327	5.35	3.07	...	...	...	...	...	...	...	...
Other tenants	55	15.7	4.0	1.4	1.2	319	6,290	8.74	2.73	5	4.4	5.0	7.5	4.9	2,800	1,400	7.00
Maine, total	8,145	23.0	100.0	100.0	100.0	1,403	10,053,934	42.35	3.02	3,035	5.1	100.0	100.0	100.0	1,422	222,474	4.24
Owners, part owners, and managers	7,965	22.9	97.8	97.5	98.3	1,392	9,797,329	41.97	3.02	3,020	5.1	99.5	99.7	99.5	1,424	221,704	4.25
Cash tenants	50	49.6	0.6	0.7	0.4	2,337	59,395	60.30	2.58	5	2.5	0.2	0.1	0.1	2,000	230	4.60
All share tenants	20	43.4	0.2	0.3	0.2	1,986	24,380	56.70	2.85	5	15.2	0.2	0.1	0.3	667	450	3.00
Other tenants	110	36.2	1.4	1.5	1.1	1,963	172,830	67.38	3.43	5	0.7	0.2	0.1	0.1	1,000	90	1.80
Area 1	3,323	40.9	100.0	100.0	100.0	1,782	8,219,081	54.34	3.05	1,093	7.8	100.0	100.0	100.0	851	81,438	2.82
Owners, part owners, and managers	3,203	40.7	96.4	97.2	97.7	1,771	7,977,256	53.95	3.05	1,088	7.9	99.5	99.6	99.5	852	80,988	2.82
Cash tenants	40	78.6	1.2	0.8	0.6	2,457	57,775	62.80	2.56	...	...	...	...	...	...	...	...
All share tenants	15	58.6	0.5	0.3	0.3	2,000	24,280	57.13	2.86	5	20.7	0.5	0.4	0.5	667	450	3.00
Other tenants	65	49.4	2.0	1.7	1.4	2,206	159,770	77.37	3.51	...	...	...	...	...	...	...	...
Area 2	2,229	17.0	100.0	100.0	100.0	822	1,074,022	23.96	2.92	959	4.5	100.0	100.0	100.0	1,979	74,745	6.23
Owners, part owners, and managers	2,209	16.9	99.1	99.5	99.5	821	1,068,197	23.96	2.92	954	4.5	99.5	99.6	99.6	1,979	74,515	6.24
Cash tenants	10	15.7	0.4	0.1	0.1	646	1,620	24.92	3.86	5	12.0	0.5	0.4	0.4	2,000	230	4.60
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	10	34.0	0.4	0.4	0.4	914	4,205	24.03	2.63	...	...	...	...	...	...	...	...
Area 3	1,038	7.3	100.0	100.0	100.0	750	232,603	20.66	2.76	309	2.0	100.0	100.0	100.0	2,056	17,293	5.72
Owners, part owners, and managers	1,023	7.3	98.6	97.4	98.9	738	226,063	20.30	2.75	309	2.0	100.0	100.0	100.0	2,056	17,293	5.72
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	15	9.9	1.4	2.6	1.1	1,833	6,540	54.50	2.97	...	...	...	...	...	...	...	...

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Maine—Continued																	
Areas 4 and A	1,555	12.4	100.0	100.0	100.0	609	528,228	17.58	2.89	674	3.5	100.0	100.0	100.0	2,353	48,998	5.77
Owners, part owners, and managers	1,530	12.4	98.4	99.4	99.3	610	525,813	17.62	2.89	669	3.5	99.3	99.7	99.4	2,361	48,908	5.79
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	5	33.3	0.3	(Z)	(Z)	800	100	20.00	2.50	...	...	...	...	...	...	...	...
Other tenants	20	17.4	1.3	0.5	0.7	488	2,315	11.29	2.32	5	4.2	0.7	0.3	0.6	1,000	90	1.80
Maryland, total	19,537	54.8	100.0	100.0	100.0	445	12,371,019	10.81	2.43	8,044	10.6	100.0	100.0	100.0	1,887	1,770,701	8.01
Owners, part owners, and managers	15,378	54.0	78.7	79.2	77.2	456	9,776,090	11.07	2.43	6,705	10.9	83.4	81.2	80.9	1,893	1,449,796	8.10
Cash tenants	646	53.9	3.3	4.1	3.6	500	487,370	11.79	2.36	231	11.6	2.9	3.6	4.0	1,665	57,640	6.46
All share tenants	2,318	59.8	11.9	12.9	15.4	370	1,588,832	8.99	2.43	877	9.4	10.9	13.0	12.5	1,958	215,125	7.76
Croppers	855	52.8	4.4	2.5	2.1	522	339,257	14.07	2.69	146	5.9	1.8	0.9	1.2	1,332	23,530	8.68
Other tenants	340	55.0	1.7	1.4	1.6	397	179,470	9.74	2.45	85	8.4	1.1	1.3	1.3	1,996	24,610	8.74
Area 1	946	30.8	100.0	100.0	100.0	359	236,132	8.93	2.49	469	8.6	100.0	100.0	100.0	3,130	61,703	8.34
Owners, part owners, and managers	900	30.4	95.1	95.7	95.1	361	224,897	8.94	2.48	444	8.7	94.7	93.1	96.9	3,008	59,388	8.29
Cash tenants	15	43.1	1.6	1.6	1.6	357	4,675	11.13	3.12	10	7.2	2.1	1.1	0.9	3,714	740	10.57
All share tenants	20	44.9	2.1	1.8	2.3	279	3,725	6.26	2.24	15	12.1	3.2	5.7	2.2	8,312	1,575	9.84
Croppers	6	42.1	0.6	0.5	0.6	293	1,755	10.70	3.66	...	...	...	...	...	...	...	...
Other tenants	5	27.7	0.5	0.5	0.4	383	1,080	9.39	2.45	...	...	...	...	...	...	...	...
Area 2	5,882	52.9	100.0	100.0	100.0	373	2,917,754	8.54	2.29	2,600	9.9	100.0	100.0	100.0	2,212	527,336	8.21
Owners, part owners, and managers	4,877	53.1	82.9	83.5	81.4	382	2,437,884	8.76	2.29	2,230	10.6	85.8	85.5	86.4	2,190	453,931	8.19
Cash tenants	470	50.4	8.0	7.4	8.1	342	226,350	8.22	2.40	160	7.3	6.2	6.2	6.2	2,215	33,630	8.41
All share tenants	410	55.7	7.0	7.3	8.7	315	204,020	6.88	2.19	175	7.6	6.7	7.3	6.3	2,566	33,080	8.21
Croppers	55	43.3	0.9	1.0	1.0	386	25,955	7.68	1.99	15	3.1	0.6	0.2	0.4	1,265	1,695	6.92
Other tenants	70	44.7	1.2	0.8	0.8	351	23,545	8.19	2.34	20	7.3	0.8	0.8	0.7	2,319	5,000	10.64
Areas A and B	3,846	43.5	100.0	100.0	100.0	515	1,987,940	12.58	2.44	1,615	12.0	100.0	100.0	100.0	1,701	310,970	7.11
Owners, part owners, and managers	3,016	43.9	78.4	83.2	83.4	514	1,655,555	12.56	2.45	1,370	13.2	84.8	91.3	90.2	1,721	275,395	6.98
Cash tenants	85	58.4	2.2	3.5	3.8	471	64,310	10.62	2.26	20	3.8	1.2	0.6	0.9	1,231	1,830	4.69
All share tenants	345	35.3	9.0	7.0	7.0	520	139,605	12.70	2.44	125	7.3	7.7	4.9	5.2	1,576	18,540	8.10
Croppers	285	36.1	7.4	3.9	3.0	660	81,750	17.19	2.60	70	6.8	4.3	1.8	2.1	1,467	9,820	10.91
Other tenants	115	50.0	3.0	2.4	2.8	432	46,720	10.51	2.43	30	7.7	1.9	1.4	1.6	1,533	5,385	7.86
Area 3	2,900	44.3	100.0	100.0	100.0	572	1,076,708	14.50	2.53	650	6.0	100.0	100.0	100.0	1,854	99,375	9.91
Owners, part owners, and managers	1,874	43.3	64.6	70.7	67.8	597	761,633	15.13	2.54	535	7.1	82.3	84.1	81.8	1,904	84,270	10.27
Cash tenants	5	51.2	0.2	0.2	0.3	312	1,900	9.27	2.97	...	...	...	...	...	...	...	...
All share tenants	540	46.2	18.6	18.6	22.0	484	203,635	12.47	2.58	90	3.5	13.8	12.6	12.5	1,880	10,495	8.40
Croppers	421	53.9	14.5	9.5	8.6	637	97,830	15.40	2.42	25	4.8	3.8	3.3	5.7	1,070	4,610	8.09
Other tenants	60	28.0	2.1	1.0	1.4	413	11,710	11.26	2.72	...	...	...	...	...	...	...	...
Area 4a	3,241	64.2	100.0	100.0	100.0	415	3,469,569	10.24	2.47	1,536	10.9	100.0	100.0	100.0	1,877	430,182	8.37
Owners, part owners, and managers	2,257	63.6	69.6	71.7	66.6	448	2,462,484	10.92	2.44	1,089	10.5	70.9	65.3	65.1	1,883	331,782	8.89
Cash tenants	35	68.9	1.1	1.1	0.9	505	47,505	16.05	3.18	25	41.6	1.6	2.4	3.1	1,473	9,520	5.33
All share tenants	813	65.5	25.1	23.9	28.9	344	811,428	8.29	2.41	367	10.9	23.9	28.8	28.4	1,898	121,950	7.47
Croppers	71	71.4	2.2	1.7	1.9	380	94,577	14.69	3.87	30	7.5	2.0	1.0	1.2	1,556	6,305	9.34
Other tenants	65	54.5	2.0	1.6	1.7	373	53,575	9.09	2.44	25	11.7	1.6	2.5	2.2	2,166	10,625	8.40
Area 4b	2,722	68.9	100.0	100.0	100.0	523	2,682,916	13.10	2.50	1,174	12.9	100.0	100.0	100.0	1,337	291,135	7.60
Owners, part owners, and managers	2,454	66.5	90.2	82.6	84.2	513	2,233,637	12.95	2.52	1,037	12.1	88.3	81.8	81.6	1,340	245,030	7.83
Cash tenants	36	68.9	1.3	6.2	2.0	1,606	142,630	34.30	2.14	16	44.3	1.4	5.1	7.0	980	11,920	4.46
All share tenants	190	84.6	7.0	8.1	10.3	409	226,419	10.69	2.61	105	14.6	8.9	11.0	9.6	1,544	29,485	8.05
Croppers	17	87.2	0.6	1.5	1.5	534	37,390	12.35	2.31	6	9.2	0.5	0.6	0.8	1,000	1,100	3.44
Other tenants	25	124.5	0.9	1.6	2.0	423	42,840	10.55	2.50	10	12.1	0.9	1.4	1.0	1,873	3,600	9.11
Massachusetts, total	6,097	32.1	100.0	100.0	100.0	697	3,197,274	21.43	3.07	2,350	6.2	100.0	100.0	100.0	2,334	248,132	8.65
Owners, part owners, and managers	5,937	31.9	97.4	97.5	96.7	703	3,123,394	21.64	3.08	2,295	6.2	97.7	98.2	97.8	2,344	243,557	8.67
Cash tenants	80	28.4	1.3	0.9	1.6	376	25,475	10.44	2.78	35	4.2	1.5	0.8	1.3	1,534	1,655	4.53
All share tenants	25	83.7	0.4	0.9	0.9	685	27,110	20.31	2.97	10	11.0	0.4	0.7	0.6	2,743	2,020	11.54
Other tenants	55	48.3	0.9	0.8	0.7	715	21,295	19.27	2.70	10	3.7	0.4	0.2	0.3	1,765	900	10.59
Area 1	978	22.3	100.0	100.0	100.0	807	593,335	25.10	3.11	328	3.6	100.0	100.0	100.0	2,661	22,468	5.96
Owners, part owners, and managers	958	22.3	98.0	99.2	98.5	813	588,705	25.28	3.11	328	3.6	100.0	100.0	100.0	2,661	22,468	5.96
Cash tenants	20	25.8	2.0	0.8	1.5	423	4,630	13.23	3.13	...	...	...	...	...	...	...	...
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area A	1,376	43.1	100.0	100.0	100.0	1,016	1,244,829	34.47	3.39	562	9.3	100.0	100.0	100.0	2,311	69,535	8.92
Owners, part owners, and managers	1,336	42.3	97.1	97.1	95.8	1,030	1,213,514	35.08	3.41	542	9.2	96.4	96.6	97.0	2,303	66,795	8.84
Cash tenants	10	44.1	0.7	0.3	0.8	333	3,125	10.42	3.13	5	1.5	0.9	0.2	0.1	3,000	120	12.00
All share tenants	15	90.9	1.1	2.0	3.0	685	21,230	19.39	2.83	10	14.5	1.8	2.7	2.2	2,743	2,020	11.54
Other tenants	15	100.0	1.1	0.5	0.3	1,667	6,960	58.00	3.48	5	41.7	0.9	0.6	0.6	2,000	600	12.00
Area B	943	27.0	100.0	100.0	100.0	462	373,830	12.90	2.80	460	4.6	100.0	100.0	100.0	2,690	54,601	11.10
Owners, part owners, and managers	933	27.3	98.9	99.5	99.3	462	370,980	12.89	2.79	455	4.7	98.9	99.0	99.6	2,674	53,951	11.02
Cash tenants	5	7.5	0.5	0.4	0.4	400	2,250	18.00	4.50	5	1.2	1.1	1.0	0.4	6,500	650	32.50
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	5	24.1	0.5	0.1	0.2	286	600	8.57	3.00	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Massachusetts—Continued																	
Area C	1,538	34.4	100.0	100.0	100.0	611	577,730	17.49	2.86	577	7.3	100.0	100.0	100.0	1,800	57,107	8.10
Owners, part owners, and managers	1,473	34.5	95.8	95.2	95.6	609	550,865	17.45	2.87	557	7.3	96.5	97.1	95.3	1,833	56,242	8.37
Cash tenants	30	19.5	2.0	1.5	1.6	582	8,325	16.17	2.78	15	11.2	2.6	2.5	4.2	1,085	565	1.92
All share tenants	10	61.5	0.7	0.8	0.7	683	5,880	24.50	3.59	...	...	...	...	...	...	...	...
Other tenants	25	50.0	1.6	2.5	2.1	704	12,660	17.83	2.53	5	2.5	0.9	0.4	0.5	1,429	300	8.57
Areas 2, D, and E	1,262	37.8	100.0	100.0	100.0	536	407,550	14.86	2.77	423	7.1	100.0	100.0	100.0	2,521	44,421	8.59
Owners, part owners, and managers	1,237	37.4	98.0	97.3	95.1	549	399,330	15.31	2.79	413	7.3	97.6	99.4	99.2	2,525	44,101	8.60
Cash tenants	15	50.9	1.2	2.2	4.2	278	7,145	6.21	2.23	10	1.8	2.4	0.6	0.8	2,000	320	8.00
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	10	45.1	0.8	0.5	0.7	341	1,075	5.24	1.54	...	...	...	...	...	...	...	...
Michigan, total	81,041	44.4	100.0	100.0	100.0	250	31,163,156	7.26	2.90	12,078	2.2	100.0	100.0	100.0	3,943	1,437,722	6.85
Owners, part owners, and managers	73,246	43.6	90.4	88.7	87.4	254	27,705,632	7.38	2.91	11,131	2.2	92.2	90.1	90.9	3,908	1,302,058	6.82
Cash tenants	1,134	48.4	1.4	1.5	1.4	266	453,871	7.57	2.85	110	1.4	0.9	0.8	0.9	3,772	11,455	6.38
All share tenants	5,879	52.0	7.3	9.0	10.3	218	2,747,077	6.19	2.84	751	1.9	6.2	8.5	7.7	4,381	114,755	7.12
Other tenants	782	40.6	1.0	0.8	0.9	246	256,576	6.96	2.83	86	1.3	0.7	0.5	0.5	3,902	9,454	8.29
Area 1	912	10.5	100.0	100.0	100.0	343	153,075	9.34	2.73	352	2.6	100.0	100.0	100.0	4,874	24,870	6.10
Owners, part owners, and managers	866	9.9	95.0	93.6	91.1	352	143,583	9.61	2.73	342	2.7	97.2	96.0	98.2	4,765	24,220	6.06
Cash tenants	35	28.4	3.8	4.7	7.3	220	6,890	5.74	2.61	5	1.4	1.4	3.0	1.5	10,000	375	6.25
All share tenants	6	21.9	0.7	1.4	1.2	396	2,092	10.90	2.75	...	...	...	...	...	...	...	...
Other tenants	5	9.4	0.5	0.4	0.4	333	510	8.50	2.55	5	2.4	1.4	1.0	0.4	13,333	275	18.33
Area 2	1,722	15.9	100.0	100.0	100.0	270	365,417	7.57	2.80	113	0.5	100.0	100.0	100.0	2,422	5,892	4.04
Owners, part owners, and managers	1,702	16.1	98.8	99.3	99.4	270	363,077	7.57	2.80	113	0.5	100.0	100.0	100.0	2,422	5,892	4.04
Cash tenants	10	5.3	0.6	0.3	0.3	267	1,215	8.10	3.04	...	...	...	...	...	...	...	...
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	10	8.0	0.6	0.4	0.3	329	1,125	8.04	2.46	...	...	...	...	...	...	...	...
Area 3	3,165	30.1	100.0	100.0	100.0	281	998,618	9.57	3.40	620	2.5	100.0	100.0	100.0	3,827	57,200	6.51
Owners, part owners, and managers	3,079	30.2	97.3	97.6	97.0	283	974,313	9.63	3.40	605	2.6	97.6	97.5	97.4	3,831	55,850	6.53
Cash tenants	11	31.2	0.3	0.5	0.7	211	4,165	5.95	2.81	5	6.7	0.8	1.8	1.7	4,000	735	4.90
All share tenants	70	28.6	2.2	1.9	2.3	228	19,960	8.28	3.63	10	0.9	1.6	0.7	0.9	3,125	615	7.69
Other tenants	5	5.6	0.2	(Z)	0.1	123	180	2.77	2.25	...	...	...	...	...	...	...	...
Area 4s	4,576	22.2	100.0	100.0	100.0	284	1,255,456	8.47	2.98	1,171	2.6	100.0	100.0	100.0	3,480	96,264	5.46
Owners, part owners, and managers	4,384	22.0	95.8	96.2	95.1	287	1,203,821	8.54	2.97	1,125	2.7	96.1	97.3	96.8	3,498	90,979	5.33
Cash tenants	55	29.0	1.2	1.0	1.2	239	14,770	8.25	3.45	10	2.3	0.9	0.7	0.8	2,857	950	6.79
All share tenants	92	27.5	2.0	2.2	2.9	210	28,665	6.60	3.14	31	2.4	2.6	1.9	2.1	3,094	4,210	11.29
Other tenants	45	25.5	1.0	0.6	0.7	244	8,200	7.70	3.15	5	1.2	0.4	0.2	0.3	2,000	125	2.50
Area 4b	3,396	20.7	100.0	100.0	100.0	241	717,916	6.57	2.73	351	1.1	100.0	100.0	100.0	3,547	38,687	6.41
Owners, part owners, and managers	3,213	20.5	94.6	94.2	93.2	244	679,719	6.68	2.74	335	1.1	95.4	92.1	92.3	3,540	36,393	6.54
Cash tenants	37	19.1	1.1	0.9	1.0	209	6,121	5.61	2.68	...	...	...	...	...	...	...	...
All share tenants	115	27.1	3.4	4.4	5.3	199	28,085	4.87	2.45	10	1.9	2.8	6.7	6.6	3,600	1,985	4.96
Other tenants	31	21.3	0.9	0.6	0.6	266	3,991	6.56	2.46	6	2.3	1.7	1.2	1.1	3,815	309	4.75
Areas 5a and A	10,189	53.5	100.0	100.0	100.0	248	4,093,703	6.92	2.79	635	0.9	100.0	100.0	100.0	3,076	61,900	6.07
Owners, part owners, and managers	9,112	53.2	89.4	88.8	87.2	252	3,630,543	7.04	2.79	580	0.9	91.3	91.5	87.8	3,205	54,875	6.12
Cash tenants	95	58.9	0.9	0.7	0.7	260	31,315	7.45	2.87	...	...	...	...	...	...	...	...
All share tenants	887	55.5	8.7	9.3	11.1	208	393,695	6.00	2.88	50	1.0	7.9	7.7	11.6	2,051	6,770	5.71
Other tenants	95	48.2	0.9	1.2	1.0	291	38,150	6.47	2.22	5	0.5	0.8	0.8	0.6	4,000	255	4.25
Area 5b	9,118	58.2	100.0	100.0	100.0	239	4,386,903	6.90	2.89	281	0.4	100.0	100.0	100.0	3,374	28,795	6.96
Owners, part owners, and managers	8,083	57.2	88.6	87.3	86.8	241	3,816,988	6.92	2.88	266	0.4	94.7	94.1	94.4	3,363	26,835	6.86
Cash tenants	85	53.7	0.9	0.6	0.7	228	25,410	6.13	2.69	5	1.2	1.8	0.1	2.2	222	50	0.56
All share tenants	865	67.7	9.5	11.4	11.8	231	518,060	6.89	2.99	10	0.1	3.6	5.7	3.4	5,714	1,910	13.64
Other tenants	85	48.1	0.9	0.6	0.7	197	26,445	5.56	2.83	...	...	...	...	...	...	...	...
Areas 6a, B, and C	7,248	43.0	100.0	100.0	100.0	272	2,375,115	8.11	2.98	1,610	3.6	100.0	100.0	100.0	3,886	178,280	7.24
Owners, part owners, and managers	6,758	42.9	93.2	92.9	91.9	275	2,202,420	8.18	2.97	1,535	3.8	95.3	95.8	96.2	3,869	170,650	7.20
Cash tenants	105	42.3	1.4	1.4	1.5	257	36,530	8.19	3.18	10	1.6	0.6	0.4	0.7	2,353	865	5.09
All share tenants	275	47.3	3.8	4.5	5.4	229	105,190	6.71	2.93	40	1.5	2.5	2.6	2.0	5,111	3,930	7.94
Other tenants	110	36.7	1.5	1.2	1.2	261	30,975	8.50	3.26	25	2.6	1.6	1.1	1.1	4,077	2,835	10.90
Area 6b	4,817	55.2	100.0	100.0	100.0	336	2,220,300	10.88	3.24	1,103	4.5	100.0	100.0	100.0	3,969	131,454	7.83
Owners, part owners, and managers	4,557	55.5	94.6	94.2	92.1	343	2,096,615	11.16	3.25	1,018	4.6	92.3	93.5	93.4	3,974	123,274	7.87
Cash tenants	40	56.1	0.8	0.9	0.7	452	18,050	13.52	2.99	15	6.9	1.4	1.3	1.0	5,152	1,035	6.27
All share tenants	185	52.6	3.8	4.3	6.7	215	90,955	6.68	3.10	65	3.1	5.9	4.2	4.8	3,420	6,270	7.74
Other tenants	35	46.5	0.7	0.6	0.6	378	14,680	12.66	3.35	5	5.4	0.5	1.1	0.8	5,185	875	6.48

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Michigan—Continued																	
Areas 7, D, and E	14,540	46.9	100.0	100.0	100.0	227	5,558,842	6.50	2.87	2,088	2.0	100.0	100.0	100.0	3,420	271,941	7.32
Owners, part owners, and managers	12,899	46.6	88.7	86.8	86.3	228	4,871,997	6.60	2.89	1,883	2.1	90.2	88.7	89.4	3,390	242,081	7.28
Cash tenants	170	44.2	1.2	1.1	1.0	254	62,185	7.33	2.89	20	1.6	1.0	1.3	0.8	5,377	3,065	10.05
All share tenants	1,321	50.2	9.1	11.1	11.6	216	570,880	5.74	2.66	175	1.7	8.4	9.6	9.3	3,543	25,050	7.25
Other tenants	150	43.8	1.0	1.0	1.0	217	53,780	6.09	2.81	10	0.8	0.5	0.4	0.4	3,375	1,745	10.91
Areas 8 and F	9,013	51.7	100.0	100.0	100.0	260	3,672,509	7.13	2.74	768	2.0	100.0	100.0	100.0	2,440	119,150	5.89
Owners, part owners, and managers	7,974	51.4	88.5	86.0	85.7	261	3,170,169	7.18	2.75	703	2.2	91.5	90.0	91.7	2,395	111,200	6.00
Cash tenants	386	57.9	4.3	5.7	5.2	282	210,530	7.80	2.76	25	1.2	3.3	3.2	2.8	2,796	3,230	5.72
All share tenants	557	53.6	6.2	7.4	8.2	236	255,415	6.06	2.57	40	1.4	5.2	6.8	5.5	3,004	4,720	4.23
Other tenants	96	38.8	1.1	0.9	0.8	289	36,395	8.36	2.90	...	...	...	...	...	...	...	...
Area 9a	6,122	53.4	100.0	100.0	100.0	350	2,523,770	6.52	2.79	870	2.0	100.0	100.0	100.0	4,334	97,425	6.64
Owners, part owners, and managers	5,201	53.1	85.0	82.8	82.2	235	2,088,890	6.57	2.79	770	2.2	88.5	87.6	89.0	4,271	85,170	6.53
Cash tenants	90	64.3	1.5	1.1	1.1	217	27,450	6.18	2.85	10	1.9	1.1	1.0	0.9	4,692	985	7.58
All share tenants	761	54.2	12.4	15.2	15.8	225	383,135	6.28	2.79	80	1.3	9.2	11.3	9.7	5,070	11,160	7.86
Other tenants	70	53.0	1.1	0.9	0.9	229	24,295	6.79	2.96	10	1.0	1.1	0.1	0.5	571	110	1.57
Areas 9b and G	6,223	43.8	100.0	100.0	100.0	240	2,841,532	7.35	3.06	2,116	5.0	100.0	100.0	100.0	5,438	325,864	7.36
Owners, part owners, and managers	5,418	43.7	87.1	86.7	84.0	248	2,463,497	7.58	3.06	1,856	5.0	87.7	84.3	84.2	5,442	274,639	7.37
Cash tenants	15	46.6	0.2	0.3	0.3	320	9,240	9.24	2.89	5	0.9	0.2	(Z)	(Z)	3,500	165	8.25
All share tenants	745	44.9	12.0	12.3	15.0	198	350,945	6.05	3.06	240	5.1	11.3	15.1	15.0	5,488	48,135	7.25
Other tenants	45	35.4	0.7	0.6	0.7	199	17,850	6.59	3.31	15	4.2	0.7	0.5	0.7	4,062	2,925	9.00
Minnesota, total	72,466	18.8	100.0	100.0	100.0	151	22,975,308	5.54	3.66	11,580	0.9	100.0	100.0	100.0	3,947	960,039	5.07
Owners, part owners, and managers	56,644	19.2	78.2	77.7	77.7	151	17,882,337	5.55	3.67	10,003	0.9	86.4	82.5	83.2	3,911	793,483	5.03
Cash tenants	2,939	16.7	4.1	3.2	3.0	159	720,740	5.73	3.60	390	0.9	3.4	3.5	3.4	4,048	30,005	4.65
All share tenants	12,169	18.1	16.8	18.2	18.4	149	4,171,011	5.46	3.65	1,102	0.7	9.5	13.2	12.6	4,138	129,951	5.45
Other tenants	714	16.4	1.0	0.9	0.9	152	201,220	5.60	3.68	85	0.7	0.7	0.9	0.8	4,162	6,600	4.29
Area 1	8,310	26.4	100.0	100.0	100.0	93	4,066,388	3.66	3.93	34	(Z)	100.0	100.0	100.0	1,738	494	2.59
Owners, part owners, and managers	7,339	26.6	88.3	88.3	88.2	93	3,594,384	3.67	3.93	34	(Z)	100.0	100.0	100.0	1,738	494	2.59
Cash tenants	92	25.1	1.1	1.0	0.7	120	40,920	4.93	4.11	...	...	...	...	...	...	...	...
All share tenants	835	24.6	10.0	10.1	10.5	90	407,659	3.50	3.90	...	...	...	...	...	...	...	...
Other tenants	44	22.3	0.5	0.6	0.6	99	23,425	3.60	3.64	...	...	...	...	...	...	...	...
Areas 2 and A	2,606	6.5	100.0	100.0	100.0	175	341,613	5.88	3.36	1,031	1.2	100.0	100.0	100.0	3,203	65,457	5.99
Owners, part owners, and managers	2,540	6.5	97.5	97.6	96.9	177	333,078	5.92	3.35	1,021	1.3	99.0	99.1	99.3	3,198	65,012	5.99
Cash tenants	30	10.7	1.2	0.9	1.4	114	3,390	4.19	3.68	5	0.7	0.5	0.6	0.5	4,000	175	3.50
All share tenants	31	6.0	1.2	1.5	1.6	157	4,915	5.20	3.32	...	...	...	...	...	...	...	...
Other tenants	5	0.5	0.2	(Z)	(Z)	200	230	11.50	5.75	5	0.6	0.5	0.3	0.2	4,000	270	10.80
Area 3	4,891	10.1	100.0	100.0	100.0	126	756,639	4.42	3.52	185	0.1	100.0	100.0	100.0	2,268	14,615	6.12
Owners, part owners, and managers	4,445	10.5	90.9	91.2	91.6	125	687,324	4.39	3.51	170	0.2	91.9	98.0	94.1	2,360	14,055	6.25
Cash tenants	105	6.6	2.1	1.6	1.5	130	11,145	4.31	3.32	5	(Z)	2.7	0.4	0.2	4,000	45	9.00
All share tenants	291	7.6	5.9	6.5	6.2	133	52,705	4.98	3.75	10	0.1	5.4	1.7	5.6	667	515	3.81
Other tenants	50	7.7	1.0	0.7	0.7	133	5,465	4.77	3.60	...	...	...	...	...	...	...	...
Area 4	7,494	19.9	100.0	100.0	100.0	161	1,198,858	5.73	3.55	2,457	2.5	100.0	100.0	100.0	3,349	118,996	4.60
Owners, part owners, and managers	6,992	19.9	93.3	93.3	93.3	161	1,117,836	5.72	3.55	2,392	2.6	97.4	97.1	97.7	3,329	116,196	4.60
Cash tenants	195	16.0	2.6	1.8	2.0	151	23,290	5.68	3.76	25	0.8	1.0	1.2	0.8	5,000	1,575	7.88
All share tenants	237	23.3	3.2	3.1	3.8	135	37,102	4.72	3.51	30	0.8	1.2	1.1	1.1	3,309	805	2.93
Other tenants	70	24.4	0.9	1.7	1.0	284	20,630	10.37	3.64	10	1.4	0.4	0.6	0.4	4,870	420	3.65
Area 5	9,757	12.7	100.0	100.0	100.0	169	3,378,846	6.42	3.79	70	(Z)	100.0	100.0	100.0	2,419	2,550	4.86
Owners, part owners, and managers	6,908	13.8	70.8	74.6	73.3	172	2,529,437	6.56	3.80	45	(Z)	64.3	67.7	63.8	2,567	1,610	4.81
Cash tenants	201	9.0	2.1	1.4	1.4	173	45,435	6.34	3.66	10	0.2	14.3	20.5	24.8	2,000	420	3.23
All share tenants	2,533	10.5	26.0	23.2	24.3	161	773,414	6.04	3.74	15	(Z)	21.4	11.8	11.4	2,500	520	8.67
Other tenants	115	11.4	1.2	0.9	1.0	152	30,560	5.86	3.86	...	...	...	...	...	...	...	...
Areas 6 and B	15,767	18.5	100.0	100.0	100.0	179	4,322,701	6.32	3.52	4,955	2.5	100.0	100.0	100.0	4,153	437,838	4.79
Owners, part owners, and managers	12,839	18.6	81.4	83.1	81.0	184	3,593,601	6.48	3.52	4,074	2.5	82.2	80.6	81.0	4,134	354,058	4.78
Cash tenants	966	15.9	6.1	4.7	5.4	157	200,835	5.44	3.45	240	1.8	4.8	4.6	4.6	4,191	18,000	4.31
All share tenants	1,777	19.6	11.3	11.2	12.5	160	485,680	5.68	3.54	596	2.8	12.0	13.8	13.4	4,255	62,335	5.07
Other tenants	185	14.5	1.2	1.0	1.1	157	42,585	5.66	3.60	45	1.7	0.9	1.0	1.0	4,122	3,445	3.83
Area 7	11,592	22.8	100.0	100.0	100.0	188	4,288,752	6.80	3.63	2,757	2.0	100.0	100.0	100.0	4,155	293,600	5.33
Owners, part owners, and managers	8,552	23.1	73.8	76.7	73.9	194	3,285,112	7.04	3.62	2,196	2.1	79.7	78.7	77.9	4,194	232,409	5.42
Cash tenants	775	18.9	6.7	4.8	5.1	178	202,550	6.35	3.57	105	1.1	3.8	3.1	3.4	3,772	9,790	5.18
All share tenants	2,140	23.0	18.5	17.5	20.0	164	761,995	6.05	3.68	431	1.8	15.6	17.3	17.7	4,062	48,936	5.02
Other tenants	125	23.2	1.1	1.0	1.0	185	39,095	6.04	3.27	25	1.8	0.9	0.9	0.9	4,080	2,465	4.93

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Minnesota—Continued																	
Area 8	12,049	21.2	100.0	100.0	100.0	168	4,621,511	6.08	3.61	91	0.1	100.0	100.0	100.0	3,478	26,489	8.55
Owners, part owners, and managers	7,029	21.4	58.3	59.2	56.7	176	2,741,565	6.36	3.62	71	0.1	78.0	47.8	56.9	2,919	9,649	5.47
Cash tenants	575	20.5	4.8	4.1	4.5	154	193,175	5.70	3.70	...	...	...	...	...	...	...	...
All share tenants	4,325	21.1	35.9	36.0	37.9	160	1,647,541	5.72	3.58	20	0.1	22.0	52.2	43.1	4,217	16,840	12.61
Other tenants	120	19.3	1.0	0.7	0.9	132	39,230	5.57	4.21	...	...	...	...	...	...	...	...
Mississippi, total	138,241	53.9	100.0	100.0	100.0	315	36,872,610	9.21	2.92	4,924	2.6	100.0	100.0	100.0	1,727	900,575	4.69
Owners, part owners, and managers	58,453	46.8	42.3	63.1	62.2	320	22,554,344	9.06	2.83	4,266	3.4	86.6	92.0	92.6	1,715	830,955	4.65
Cash tenants	4,085	49.0	3.0	2.9	3.6	254	1,277,318	8.76	3.45	74	0.7	1.5	1.0	1.1	1,527	9,364	4.48
All share tenants	21,076	65.1	15.2	11.5	11.5	315	4,214,640	9.15	2.90	204	0.9	4.1	3.6	3.4	1,827	31,067	4.76
Croppers	51,456	87.3	37.2	20.5	20.8	311	8,137,836	9.75	3.14	343	0.5	7.0	3.0	2.4	2,142	26,141	5.62
Other tenants	3,171	49.1	2.3	1.9	1.8	329	688,472	9.34	2.84	37	0.6	0.8	0.5	0.5	1,655	3,048	3.20
Area 1	39,675	58.7	100.0	100.0	100.0	216	11,882,295	8.99	4.16	355	1.5	100.0	100.0	100.0	2,234	197,208	5.66
Owners, part owners, and managers	6,415	49.6	16.2	51.5	54.1	206	6,092,231	8.52	4.14	184	2.2	51.8	90.1	92.3	2,181	175,492	5.46
Cash tenants	1,089	47.3	2.7	5.4	6.0	195	681,687	8.63	4.43	1	(Z)	0.3	0.1	0.1	2,000	250	5.00
All share tenants	3,765	60.7	9.5	8.0	7.9	218	977,238	9.32	4.28	17	0.3	4.8	2.9	1.5	4,274	7,505	14.30
Croppers	27,981	93.1	70.5	33.5	30.7	236	3,941,443	9.73	4.12	148	0.5	41.7	6.7	5.8	2,557	13,511	6.67
Other tenants	425	50.4	1.1	1.6	1.3	271	189,696	11.05	4.08	5	0.2	1.4	0.2	0.2	2,000	450	6.00
Area 2	25,286	47.5	100.0	100.0	100.0	343	6,388,635	9.74	2.84	725	2.9	100.0	100.0	100.0	1,698	178,072	4.41
Owners, part owners, and managers	7,287	37.1	28.8	48.7	50.2	332	3,197,301	9.71	2.92	538	3.9	74.2	87.5	85.8	1,732	156,248	4.51
Cash tenants	938	47.6	3.7	3.6	4.0	309	244,691	9.38	3.03	18	1.2	2.5	0.8	1.6	848	2,099	3.16
All share tenants	6,110	61.5	24.2	17.4	18.3	325	1,100,378	9.15	2.82	95	2.1	13.1	9.8	10.1	1,641	15,970	3.90
Croppers	10,101	82.2	39.9	27.1	24.4	380	1,653,970	10.33	2.72	62	0.4	8.6	1.6	1.9	1,453	2,680	3.57
Other tenants	850	42.2	3.4	3.3	3.1	362	192,295	9.47	2.62	12	0.5	1.6	0.3	0.6	857	1,075	4.39
Areas 3 and 4	11,785	41.2	100.0	100.0	100.0	345	2,950,381	9.10	2.64	715	3.4	100.0	100.0	100.0	1,437	123,857	4.65
Owners, part owners, and managers	6,260	35.6	53.1	70.1	71.0	340	2,058,567	8.94	2.63	652	3.9	91.2	94.2	94.8	1,428	118,675	4.70
Cash tenants	878	55.5	7.5	4.8	5.1	325	144,148	8.77	2.70	33	2.4	4.6	3.6	2.6	1,937	2,945	4.20
All share tenants	2,339	71.4	19.8	11.5	12.1	326	353,420	9.00	2.76	11	0.7	1.5	1.2	1.4	1,212	1,567	4.26
Croppers	1,760	83.2	14.9	11.1	9.1	420	318,980	10.83	2.58	15	0.2	2.1	0.2	0.3	750	195	2.44
Other tenants	548	43.3	4.6	2.6	2.7	325	75,266	8.48	2.61	4	1.2	0.6	0.9	0.9	1,500	475	1.98
Area 4	15,778	59.1	100.0	100.0	100.0	381	3,666,653	9.43	2.47	734	2.0	100.0	100.0	100.0	1,536	50,961	3.82
Owners, part owners, and managers	8,718	53.2	55.3	59.7	59.8	381	2,192,698	9.44	2.48	647	2.8	88.1	88.4	90.9	1,492	45,496	3.75
Cash tenants	126	53.1	0.8	0.6	0.7	331	23,860	8.51	2.57	1	0.2	0.1	0.1	0.1	2,000	120	12.00
All share tenants	3,495	67.0	22.2	21.1	21.4	375	798,520	9.60	2.56	20	0.2	2.7	2.4	2.0	1,885	770	2.96
Croppers	3,017	80.5	19.1	16.5	16.0	394	577,985	9.28	2.36	66	1.2	9.0	9.2	7.0	1,998	4,575	4.88
Other tenants	422	55.9	2.7	2.0	2.1	376	73,590	9.11	2.42	...	...	...	...	...	...	...	...
Area 5	10,812	40.6	100.0	100.0	100.0	337	2,384,874	8.11	2.41	257	1.7	100.0	100.0	100.0	1,939	47,571	3.83
Owners, part owners, and managers	5,092	34.7	47.1	63.8	64.5	333	1,489,541	7.85	2.35	214	2.1	83.3	94.7	93.6	1,962	44,331	3.82
Cash tenants	351	29.5	3.2	1.8	2.0	315	43,447	7.48	2.37	1	0.5	0.4	0.4	0.8	1,000	675	6.75
All share tenants	2,023	57.7	18.7	13.7	13.5	343	337,551	8.48	2.48	21	0.6	8.2	2.6	3.3	1,533	1,590	3.83
Croppers	3,107	69.1	28.7	19.2	18.4	353	478,245	8.86	2.51	21	0.4	8.2	2.2	2.3	1,929	975	3.48
Other tenants	239	40.6	2.2	1.4	1.6	299	36,090	7.66	2.56	...	...	...	...	...	...	...	...
Area 6a	21,932	62.6	100.0	100.0	100.0	373	5,539,558	9.45	2.53	1,179	3.7	100.0	100.0	100.0	1,578	158,945	4.61
Owners, part owners, and managers	14,894	57.2	67.9	74.2	73.6	376	4,123,310	9.56	2.54	1,143	4.5	96.9	97.3	97.8	1,571	153,442	4.55
Cash tenants	344	73.0	1.6	1.4	1.4	360	75,495	9.02	2.51	10	3.0	0.8	0.9	1.0	1,471	1,700	5.00
All share tenants	2,267	80.2	10.3	7.6	8.3	345	425,883	8.79	2.55	15	0.4	1.3	0.9	0.8	1,808	1,385	5.33
Croppers	3,972	91.0	18.1	15.3	15.1	379	833,980	9.43	2.49	10	0.2	0.8	0.9	0.4	3,097	2,400	15.48
Other tenants	455	71.7	2.1	1.5	1.6	348	80,890	8.52	2.45	1	0.1	0.1	(Z)	(Z)	500	18	1.50
Area 6b	9,810	61.4	100.0	100.0	100.0	361	2,389,425	9.19	2.55	535	3.6	100.0	100.0	100.0	1,640	62,939	4.15
Owners, part owners, and managers	6,822	56.1	69.5	74.7	74.6	361	1,791,165	9.23	2.56	470	4.0	87.9	88.9	90.4	1,614	57,164	4.17
Cash tenants	298	76.9	3.0	2.1	2.2	350	50,920	8.99	2.57	10	3.1	1.9	2.2	1.5	2,444	1,575	7.00
All share tenants	990	80.0	10.1	8.3	8.6	349	198,115	8.90	2.55	20	2.0	3.7	3.3	3.6	1,477	1,905	3.43
Croppers	1,485	92.7	15.1	13.3	12.9	372	311,650	9.31	2.50	20	0.8	3.7	2.1	2.0	1,767	1,265	4.22
Other tenants	215	67.8	2.2	1.6	1.8	316	37,575	8.00	2.56	15	5.5	2.8	3.4	2.4	2,237	1,030	2.71
Area 7	2,620	67.0	100.0	100.0	100.0	458	1,444,677	9.39	2.05	320	5.9	100.0	100.0	100.0	1,572	68,602	5.08
Owners, part owners, and managers	2,429	66.8	92.7	96.7	96.6	459	1,391,719	9.37	2.04	314	6.0	98.1	98.6	98.8	1,570	67,687	5.07
Cash tenants	61	83.7	2.3	0.7	1.1	325	13,070	8.04	2.48	...	...	...	...	...	...	...	...
All share tenants	86	77.4	3.3	1.5	1.6	427	23,035	9.25	2.17	5	1.6	1.6	0.5	0.4	2,000	375	7.50
Croppers	32	89.3	1.2	0.9	0.7	650	15,583	15.35	2.36	1	10.4	0.3	0.9	0.9	1,695	540	4.58
Other tenants	12	12.6	0.5	0.1	0.1	378	1,270	8.58	2.27	...	...	...	...	...	...	...	...
Area 8	543	48.6	100.0	100.0	100.0	462	226,112	10.49	2.27	104	4.6	100.0	100.0	100.0	1,552	12,420	6.03
Owners, part owners, and managers	536	47.5	98.7	95.7	94.2	469	217,812	10.72	2.28	104	4.8	100.0	100.0	100.0	1,552	12,420	6.03
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	1	100.0	0.2	0.4	0.6	286	500	3.57	1.25	...	...	...	...	...	...	...	...
Croppers	1	75.5	0.2	3.1	3.7	382	6,000	7.50	1.96	...	...	...	...	...	...	...	...
Other tenants	5	93.8	0.9	0.8	1.4	267	1,800	6.00	2.25	...	...	...	...	...	...	...	...
Missouri, total	98,473	35.2	100.0	100.0	100.0	220	43,235,722	7.35	3.34	28,346	3.8	100.0	100.0	100.0	4,312	4,183,018	6.51
Owners, part owners, and managers	79,111	35.2	80.3	80.3	78.4	225	34,188,242	7.42	3.29	24,108	4.0	85.0	83.5	82.1	4,384	3,499,478	6.63
Cash tenants	1,390	29.5	1.4	1.2	1.1	226	485,495	7.36	3.25	216	2.2	0.8	0.6	0.8	3,634	24,213	4.96
All share tenants	14,872	35.9	15.1	16.7	18.6	197	7,759,472	7.08	3.60	3,736	3.4	13.2	14.8	16.0	4,002	615,651	6.00
Croppers	1,808	41.7	1.8	0.9	0.9	223	378,160	7.38	3.31	53	1.2	0.2	0.2	0.2	3,505	8,360	5.75
Other tenants	1,292	27.0	1.3	1.0	1.0	226	424,353	7.33	3.24	233	2.9	0.8	0.9	1.0	4,062	35,316	5.71

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Missouri—Continued																	
Areas 1 and A	10,111	25.8	100.0	100.0	100.0	212	5,761,462	8.39	3.96	3,735	3.8	100.0	100.0	100.0	3,777	578,712	5.80
Owners, part owners, and managers	7,579	26.0	75.0	75.6	72.1	222	4,225,722	8.53	3.84	2,888	3.9	77.3	75.3	75.1	3,787	439,764	5.87
Cash tenants	181	20.5	1.8	1.2	1.3	199	68,915	8.00	4.01	51	3.8	1.4	1.3	1.6	2,976	6,949	4.35
All share tenants	2,207	26.0	21.8	22.1	25.5	184	1,404,563	8.02	4.37	764	3.3	20.5	22.5	22.4	3,783	127,242	5.68
Other tenants	144	21.3	1.4	1.1	1.2	198	62,262	7.84	3.97	32	2.4	0.9	1.0	0.9	4,208	4,757	5.38
Area 2a	13,394	26.1	100.0	100.0	100.0	220	5,338,638	7.78	3.53	5,325	4.5	100.0	100.0	100.0	4,127	777,222	6.51
Owners, part owners, and managers	11,051	26.4	82.5	83.8	80.6	229	4,430,579	8.02	3.50	4,607	4.8	86.5	84.3	83.8	4,152	660,978	6.61
Cash tenants	168	19.0	1.3	0.8	0.8	207	46,320	8.30	4.01	46	4.6	0.9	0.9	1.1	3,362	6,766	5.03
All share tenants	2,056	25.4	15.4	14.8	18.0	182	833,466	6.75	3.71	640	3.4	12.0	14.2	14.0	4,186	104,883	6.28
Other tenants	119	16.7	0.9	0.6	0.6	215	28,273	6.74	3.13	32	5.0	0.6	0.6	1.1	2,235	4,595	3.66
Area 2b	15,356	38.6	100.0	100.0	100.0	249	9,368,901	8.40	3.37	7,293	6.3	100.0	100.0	100.0	4,902	1,287,405	7.11
Owners, part owners, and managers	12,808	38.7	83.4	83.6	81.1	257	7,749,317	8.56	3.34	6,327	6.5	86.8	85.6	84.1	4,991	1,110,630	7.30
Cash tenants	66	26.1	0.4	0.3	0.3	246	26,175	8.71	3.54	16	2.0	0.2	0.2	0.1	6,087	1,830	7.96
All share tenants	2,297	39.2	15.0	14.9	17.6	211	1,481,148	7.56	3.59	884	5.4	12.1	13.4	14.8	4,435	162,426	6.06
Other tenants	185	30.6	1.2	1.2	1.0	299	112,261	9.82	3.28	66	4.7	0.9	0.8	1.0	4,140	12,519	7.06
Area 3	12,679	47.9	100.0	100.0	100.0	176	6,181,118	5.83	3.31	3,324	3.8	100.0	100.0	100.0	4,254	516,983	6.22
Owners, part owners, and managers	10,222	47.4	80.6	81.4	78.9	182	4,958,131	5.93	3.26	2,789	4.0	83.9	86.0	85.0	4,306	439,288	6.22
Cash tenants	204	32.8	1.6	0.8	0.9	156	56,048	5.59	3.58	24	1.9	0.7	0.7	0.7	3,949	2,732	4.65
All share tenants	2,115	51.9	16.7	17.2	19.4	156	1,128,779	5.49	3.52	478	2.9	14.4	12.4	13.6	3,899	70,903	6.29
Other tenants	138	32.6	1.1	0.6	0.7	138	38,160	4.91	3.55	33	2.5	1.0	0.9	0.7	5,092	4,060	6.82
Area 4	5,401	50.6	100.0	100.0	100.0	200	2,030,569	5.53	2.76	905	2.1	100.0	100.0	100.0	3,793	82,981	5.47
Owners, part owners, and managers	4,695	49.4	86.9	82.0	82.3	199	1,661,230	5.49	2.76	770	2.0	85.1	79.6	81.2	3,719	67,026	5.44
Cash tenants	134	37.9	2.5	2.8	2.1	269	55,788	7.36	2.73	17	1.2	1.9	2.3	1.6	5,306	1,320	5.39
All share tenants	496	63.8	9.2	14.4	14.8	195	300,056	5.51	2.83	118	3.0	13.0	18.1	17.2	4,001	14,635	5.63
Other tenants	76	37.8	1.4	0.7	0.8	196	13,495	4.85	2.47	...	...	...	...	...	...	...	...
Area 5	5,993	34.3	100.0	100.0	100.0	213	1,884,090	6.76	3.17	1,225	2.9	100.0	100.0	100.0	4,335	152,596	6.53
Owners, part owners, and managers	5,350	33.8	89.3	89.6	88.2	217	1,687,575	6.87	3.17	1,108	2.9	90.4	90.2	90.8	4,304	136,559	6.44
Cash tenants	88	25.2	1.5	0.9	1.3	154	17,340	4.87	3.16	5	0.4	0.4	0.2	0.3	4,000	405	6.75
All share tenants	448	45.3	7.5	7.8	9.2	182	148,978	5.82	3.20	97	2.6	7.9	7.4	6.3	5,022	12,557	8.47
Other tenants	107	27.5	1.8	1.6	1.3	261	30,197	8.12	3.11	15	4.5	1.2	2.3	2.6	3,769	3,075	5.08
Areas 6 and B	10,835	36.1	100.0	100.0	100.0	240	3,970,694	7.50	3.12	3,191	3.1	100.0	100.0	100.0	4,694	296,614	6.58
Owners, part owners, and managers	9,486	36.3	87.5	85.7	85.6	240	3,352,429	7.39	3.08	2,876	3.1	90.1	87.4	86.6	4,732	261,267	6.69
Cash tenants	155	35.1	1.4	1.9	1.4	315	70,925	9.48	3.01	22	1.9	0.7	0.6	0.9	3,121	1,781	4.40
All share tenants	1,009	34.9	9.3	11.1	11.7	227	491,975	7.95	3.50	268	2.9	8.4	10.8	11.4	4,467	30,931	6.04
Other tenants	185	30.8	1.7	1.4	1.3	259	55,365	8.26	3.19	25	2.3	0.8	1.2	1.1	5,293	2,635	5.32
Area 7	10,879	34.1	100.0	100.0	100.0	222	2,827,420	6.40	2.88	1,399	1.6	100.0	100.0	100.0	3,578	109,665	5.37
Owners, part owners, and managers	10,196	33.5	93.7	92.5	91.9	223	2,621,563	6.46	2.89	1,314	1.5	93.9	94.8	91.2	3,718	104,280	5.59
Cash tenants	197	31.0	1.8	1.7	1.6	233	46,259	6.38	2.74	15	0.3	1.1	0.2	0.3	2,429	360	5.14
All share tenants	379	52.3	3.5	4.9	5.7	189	140,943	5.57	2.95	60	3.3	4.3	4.3	7.9	1,932	4,135	2.57
Other tenants	107	24.8	1.0	0.9	0.8	244	18,655	5.39	2.21	10	0.8	0.7	0.7	0.5	4,727	890	8.09
Area 8	3,221	30.9	100.0	100.0	100.0	255	974,090	7.54	2.96	654	3.2	100.0	100.0	100.0	4,550	83,110	6.20
Owners, part owners, and managers	2,956	30.6	91.8	91.9	91.1	257	892,328	7.58	2.95	629	3.4	96.2	96.2	96.7	4,528	80,765	6.23
Cash tenants	56	41.9	1.7	2.7	2.6	265	29,615	8.84	3.34	5	1.2	0.8	1.1	0.7	7,000	700	7.00
All share tenants	159	36.3	4.9	4.4	5.1	222	42,367	6.42	2.89	10	1.6	1.5	1.7	2.1	3,684	1,200	4.21
Other tenants	50	20.4	1.6	1.0	1.2	208	9,780	6.48	3.11	10	0.8	1.5	0.9	0.4	9,500	445	7.42
Area 9a	4,433	35.6	100.0	100.0	100.0	221	1,688,886	7.26	3.28	752	2.9	100.0	100.0	100.0	4,265	162,023	8.42
Owners, part owners, and managers	2,666	34.4	60.1	58.6	57.2	227	993,119	7.47	3.29	476	3.1	63.3	63.7	61.8	4,396	109,464	9.20
Cash tenants	80	48.2	1.8	2.2	1.8	273	30,280	7.41	2.72	5	0.6	0.7	0.4	0.3	6,000	510	10.20
All share tenants	1,111	35.8	25.1	31.3	33.1	209	537,947	6.99	3.34	240	3.2	31.9	32.7	35.9	3,878	48,939	7.08
Croppers	506	45.0	11.4	6.8	6.7	226	110,610	7.13	3.16	26	0.7	3.5	1.7	1.2	6,311	2,170	9.64
Other tenants	70	34.3	1.6	1.1	1.3	187	16,930	5.62	3.00	5	1.8	0.7	1.5	0.8	7,812	940	5.88
Area 9b	6,171	37.3	100.0	100.0	100.0	253	3,209,854	9.05	3.58	543	2.4	100.0	100.0	100.0	3,271	135,707	5.94
Owners, part owners, and managers	2,102	37.6	34.1	48.5	46.0	267	1,616,249	9.91	3.72	324	3.2	59.7	64.0	60.2	3,482	89,457	6.51
Cash tenants	61	36.4	1.0	1.3	1.5	207	37,830	6.98	3.37	10	1.3	1.8	1.0	0.9	4,000	860	4.41
All share tenants	2,595	36.7	42.1	40.2	40.9	248	1,249,250	8.60	3.47	177	1.9	32.6	28.6	32.5	2,885	37,800	5.10
Croppers	1,302	40.4	21.1	8.8	10.1	222	267,550	7.49	3.37	27	1.4	5.0	4.9	5.4	2,992	6,190	5.03
Other tenants	111	29.5	1.8	1.3	1.5	214	38,975	7.24	3.38	5	1.4	0.9	1.3	1.1	4,000	1,400	5.60
Montana, total	6,027	4.2	100.0	100.0	100.0	86	2,186,223	3.47	4.06	40	(Z)	100.0	100.0	100.0	730	1,306	2.19
Owners, part owners, and managers	4,994	4.2	82.9	77.4	84.8	78	1,714,550	3.21	4.11	40	(Z)	100.0	100.0	100.0	730	1,306	2.19
Cash tenants	111	3.2	1.8	1.3	0.6	174	31,041	7.75	4.45	...	...	...	...	...	...	...	...
All share tenants	866	4.8	14.4	20.7	14.1	126	429,109	4.84	3.85	...	...	...	...	...	...	...	...
Other tenants	56	4.2	0.9	0.5	0.4	106	11,523	4.15	3.92	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Montana—Continued																	
Area 1a	1,229	8.9	100.0	100.0	100.0	146	275,641	5.39	3.69	36	0.1	100.0	100.0	100.0	533	975	2.00
Owners, part owners, and managers	1,099	8.8	89.4	87.7	90.2	142	253,178	5.49	3.87	36	0.1	100.0	100.0	100.0	533	975	2.00
Cash tenants	19	3.8	1.5	0.6	0.5	191	2,416	9.63	5.03	...	...	...	...	...	...	...	...
All share tenants	86	10.4	7.0	11.0	8.5	188	18,597	4.27	2.27	...	...	...	...	...	...	...	...
Other tenants	25	16.0	2.0	0.7	0.8	130	1,450	3.62	2.79	...	...	...	...	...	...	...	...
Area 1b	933	4.9	100.0	100.0	100.0	122	324,108	4.69	3.84	2	(Z)	100.0	100.0	100.0	1,824	315	3.46
Owners, part owners, and managers	783	4.5	83.9	81.8	81.0	123	266,998	4.77	3.87	2	(Z)	100.0	100.0	100.0	1,824	315	3.46
Cash tenants	13	3.1	1.4	0.7	0.8	106	1,956	3.71	3.49	...	...	...	...	...	...	...	...
All share tenants	135	8.6	14.5	17.3	18.0	117	54,349	4.37	3.72	...	...	...	...	...	...	...	...
Other tenants	2	1.9	0.2	0.3	0.2	137	805	5.00	3.66	...	...	...	...	...	...	...	...
Area 2a	1,318	8.0	100.0	100.0	100.0	43	542,556	1.83	4.28	...	...	...	...	...	...	...	...
Owners, part owners, and managers	1,155	8.2	87.6	88.2	87.9	43	480,503	1.84	4.30	...	...	...	...	...	...	...	...
Cash tenants	12	3.3	0.9	0.6	0.4	56	3,059	2.46	4.37	...	...	...	...	...	...	...	...
All share tenants	146	6.9	11.1	10.7	11.4	40	56,194	1.66	4.13	...	...	...	...	...	...	...	...
Other tenants	5	7.4	0.4	0.6	0.2	114	2,800	4.55	4.00	...	...	...	...	...	...	...	...
Area 2b	1,067	1.7	100.0	100.0	100.0	76	380,575	3.12	4.09	1	(Z)	100.0	100.0	100.0	1,000	8	1.00
Owners, part owners, and managers	882	1.7	82.7	75.7	85.3	68	289,331	2.78	4.11	1	(Z)	100.0	100.0	100.0	1,000	8	1.00
Cash tenants	6	1.1	0.6	0.8	0.2	280	3,350	12.36	4.41	...	...	...	...	...	...	...	...
All share tenants	171	1.8	16.0	22.8	13.9	125	84,501	5.00	3.99	...	...	...	...	...	...	...	...
Other tenants	8	2.4	0.7	0.8	0.7	87	3,393	4.20	4.85	...	...	...	...	...	...	...	...
Area 3a	1,025	5.5	100.0	100.0	100.0	201	459,679	8.52	4.24	...	...	...	...	...	...	...	...
Owners, part owners, and managers	677	4.3	66.0	52.2	65.2	161	251,931	7.17	4.45	...	...	...	...	...	...	...	...
Cash tenants	45	7.2	4.4	3.6	2.7	269	17,630	12.24	4.54	...	...	...	...	...	...	...	...
All share tenants	287	11.7	28.0	43.5	30.7	285	187,043	11.30	3.97	...	...	...	...	...	...	...	...
Other tenants	16	9.6	1.6	0.7	1.5	101	3,075	3.87	3.84	...	...	...	...	...	...	...	...
Area 3b	455	3.3	100.0	100.0	100.0	139	203,664	5.50	3.94	1	(Z)	100.0	100.0	100.0	200	8	0.80
Owners, part owners, and managers	398	3.1	87.5	85.5	87.2	137	172,609	5.34	3.91	1	(Z)	100.0	100.0	100.0	200	8	0.80
Cash tenants	16	1.5	3.5	1.2	0.7	218	2,630	9.56	4.38	...	...	...	...	...	...	...	...
All share tenants	41	5.4	9.0	13.4	12.0	155	28,425	6.37	4.12	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nebraska, total	41,984	12.9	100.0	100.0	100.0	146	21,377,554	7.19	4.92	5,868	0.7	100.0	100.0	100.0	3,602	1,274,779	8.01
Owners, part owners, and managers	23,966	11.7	57.1	59.6	58.4	149	12,705,549	7.32	4.90	3,697	0.7	63.0	62.6	64.4	3,502	792,478	7.73
Cash tenants	687	9.1	1.6	1.4	1.3	150	288,158	7.31	4.86	93	0.6	1.6	1.7	1.7	3,526	27,395	10.09
All share tenants	16,941	15.5	40.4	38.3	39.5	142	8,227,480	7.00	4.94	2,022	0.7	34.5	34.6	32.5	3,832	439,561	8.49
Other tenants	390	11.0	0.9	0.7	0.8	132	156,367	6.57	4.97	56	1.0	1.0	1.1	1.4	2,981	15,345	7.14
Area 1	1,392	1.9	100.0	100.0	100.0	135	404,108	5.82	4.30	35	(Z)	100.0	100.0	100.0	2,217	6,114	7.70
Owners, part owners, and managers	1,024	1.8	73.6	76.6	77.9	133	304,575	5.63	4.23	16	(Z)	45.7	53.2	68.6	1,721	3,294	6.04
Cash tenants	54	1.2	3.9	3.0	2.8	144	11,233	5.68	3.96	8	0.1	22.9	27.0	17.8	3,376	1,770	12.55
All share tenants	285	2.8	20.5	19.1	18.2	142	83,295	6.58	4.64	11	(Z)	31.4	19.7	13.6	3,204	1,050	9.72
Other tenants	29	1.2	2.1	1.3	1.1	165	5,005	7.00	4.24	...	...	...	...	...	...	...	...
Area 2	1,884	3.0	100.0	100.0	100.0	188	792,336	8.41	4.47	1	(Z)	100.0	100.0	100.0	1,000	2	1.00
Owners, part owners, and managers	772	2.0	41.0	41.6	45.2	173	336,885	7.92	4.56	1	(Z)	100.0	100.0	100.0	1,000	2	1.00
Cash tenants	9	0.9	0.5	0.3	0.2	246	2,136	9.37	3.81	...	...	...	...	...	...	...	...
All share tenants	1,072	5.6	56.9	56.7	53.0	201	443,385	8.87	4.41	...	...	...	...	...	...	...	...
Other tenants	31	6.3	1.6	1.4	1.5	167	9,930	6.83	4.10	...	...	...	...	...	...	...	...
Area 3a	4,635	11.6	100.0	100.0	100.0	154	2,727,681	8.51	5.52	87	0.1	100.0	100.0	100.0	2,763	12,335	5.68
Owners, part owners, and managers	2,779	10.9	60.0	61.5	61.6	154	1,658,601	8.39	5.46	76	0.1	87.4	81.5	84.5	2,666	10,515	5.73
Cash tenants	47	7.8	1.0	0.9	0.9	155	25,017	8.62	5.56	5	0.5	5.7	13.3	9.2	4,000	1,250	6.25
All share tenants	1,763	13.4	38.0	37.1	36.8	155	1,029,773	8.72	5.62	6	(Z)	6.9	5.2	6.3	2,263	570	4.16
Other tenants	46	9.4	1.0	0.5	0.6	127	14,290	7.20	5.67	...	...	...	...	...	...	...	...
Area 3b	6,934	16.2	100.0	100.0	100.0	141	3,171,100	6.88	4.89	747	0.8	100.0	100.0	100.0	2,812	184,289	7.86
Owners, part owners, and managers	4,131	16.8	59.6	63.2	61.2	145	2,031,299	7.20	4.96	539	1.1	72.2	78.5	80.2	2,753	144,839	7.71
Cash tenants	105	19.4	1.5	1.8	1.6	158	54,165	7.25	4.59	10	0.2	1.3	0.5	0.4	3,158	925	9.74
All share tenants	2,647	15.1	38.2	34.2	36.3	132	1,061,266	6.34	4.79	192	0.4	25.7	20.5	18.8	3,072	37,545	8.52
Other tenants	51	15.4	0.7	0.8	0.9	131	24,370	6.16	4.69	6	0.5	0.8	0.5	0.6	2,357	980	7.00
Area 4	3,083	7.9	100.0	100.0	100.0	148	1,707,170	7.47	5.04	93	0.1	100.0	100.0	100.0	2,867	26,450	7.15
Owners, part owners, and managers	1,985	8.0	64.4	69.5	66.6	155	1,162,027	7.63	4.93	71	0.1	76.3	72.8	76.2	2,738	19,580	6.94
Cash tenants	16	3.2	0.5	0.5	0.3	211	5,565	7.52	3.57	...	...	...	...	...	...	...	...
All share tenants	1,059	8.0	34.3	29.8	32.7	135	534,706	7.16	5.29	22	0.1	23.7	27.2	23.8	3,281	6,870	7.82
Other tenants	23	3.6	0.7	0.2	0.4	92	4,872	5.32	5.80	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Nebraska—Continued																	
Area 5	8,171	22.0	100.0	100.0	100.0	128	4,421,145	6.71	5.25	1,549	1.4	100.0	100.0	100.0	3,816	395,570	9.25
Owners, part owners, and managers	4,446	22.6	54.4	57.3	55.5	132	2,543,799	6.96	5.28	943	1.7	60.9	63.6	65.0	3,734	240,579	8.66
Cash tenants	36	12.1	0.4	0.5	0.4	142	16,342	5.72	4.05	15	2.6	1.0	1.5	1.4	4,000	4,200	7.00
All share tenants	3,594	21.4	44.0	41.3	42.8	123	1,814,084	6.44	5.22	576	1.1	37.2	34.5	33.2	3,966	149,301	10.51
Other tenants	95	26.9	1.2	1.0	1.3	98	46,920	5.65	5.78	15	0.5	1.0	0.4	0.4	3,867	1,490	9.93
Area 6	6,531	22.1	100.0	100.0	100.0	166	3,512,719	7.49	4.52	539	0.8	100.0	100.0	100.0	3,077	167,953	9.49
Owners, part owners, and managers	3,526	22.8	54.0	54.7	54.3	167	1,914,128	7.51	4.50	299	0.9	55.5	51.8	56.0	2,847	86,788	8.75
Cash tenants	255	17.6	3.9	2.8	2.9	158	110,590	8.14	5.15	30	1.3	5.6	5.6	5.7	3,010	13,225	13.09
All share tenants	2,725	21.8	41.7	42.3	42.6	165	1,478,511	7.40	4.50	200	0.6	37.1	38.5	32.3	3,673	60,340	10.56
Other tenants	25	9.6	0.4	0.2	0.2	173	9,490	9.00	5.21	10	9.6	1.9	4.0	6.0	2,075	7,600	7.17
Areas 7, A, and B	9,354	25.3	100.0	100.0	100.0	145	4,641,295	6.90	4.77	2,817	2.6	100.0	100.0	100.0	3,957	482,066	7.03
Owners, part owners, and managers	5,303	25.6	56.7	60.5	57.5	152	2,754,235	7.12	4.68	1,752	2.7	62.2	59.6	59.5	3,961	286,881	7.03
Cash tenants	165	21.6	1.8	1.3	1.4	130	63,110	6.54	5.04	25	1.5	0.9	0.9	1.0	3,821	6,025	8.99
All share tenants	3,796	25.0	40.6	37.3	40.3	134	1,782,460	6.58	4.91	1,015	2.4	36.0	38.3	38.4	3,950	183,885	6.99
Other tenants	90	26.4	1.0	1.0	0.8	173	41,490	7.65	4.43	25	3.9	0.9	1.2	1.2	4,125	5,275	6.59
Nevada, total (Area 1)	381	3.4	100.0	100.0	100.0	226	252,529	8.89	3.92	6	(Z)	100.0	100.0	100.0	7,647	615	36.18
Owners, part owners, and managers	352	3.2	92.4	81.8	89.1	208	206,344	8.15	3.92	6	(Z)	100.0	100.0	100.0	7,647	615	36.18
Cash tenants	21	2.8	5.5	7.1	3.3	483	21,560	22.94	4.75	...	...	...	...	...	...	...	...
All share tenants	7	11.9	1.8	4.9	5.1	218	11,625	7.96	3.66	...	...	...	...	...	...	...	...
Other tenants	1	19.7	0.3	6.2	2.5	571	13,000	18.57	3.25	...	...	...	...	...	...	...	...
New Hampshire, total	2,444	20.3	100.0	100.0	100.0	516	810,052	13.09	2.54	996	4.9	100.0	100.0	100.0	2,276	92,578	6.24
Owners, part owners, and managers	2,364	20.2	96.7	97.3	97.3	516	789,837	13.12	2.54	971	4.9	97.5	97.4	97.6	2,270	88,458	6.11
Cash tenants	50	23.2	2.0	2.0	2.0	502	14,495	11.55	2.30	5	1.4	0.5	0.4	0.5	2,000	900	12.00
All share tenants	5	24.0	0.2	0.2	0.2	435	1,375	11.96	2.75	5	14.6	0.5	0.8	0.5	4,000	425	6.07
Other tenants	25	39.9	1.0	0.6	0.5	616	4,345	14.25	2.31	15	26.8	1.5	1.3	1.4	2,195	2,795	13.63
Area 1	1,136	22.6	100.0	100.0	100.0	597	484,969	14.57	2.44	397	4.1	100.0	100.0	100.0	2,535	39,628	6.52
Owners, part owners, and managers	1,106	22.6	97.4	98.6	98.0	601	479,104	14.69	2.44	387	4.1	97.5	97.7	97.3	2,547	37,508	6.34
Cash tenants	20	19.6	1.8	1.0	1.5	396	3,610	7.15	1.80	5	2.9	1.3	1.0	1.2	2,000	900	12.00
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	10	66.7	0.9	0.4	0.5	482	2,255	13.26	2.75	5	35.3	1.3	1.3	1.5	2,222	1,220	13.56
Areas 2 and A	1,308	18.1	100.0	100.0	100.0	421	325,083	11.38	2.70	599	5.6	100.0	100.0	100.0	2,096	52,950	6.05
Owners, part owners, and managers	1,258	17.9	96.2	95.1	96.5	416	310,733	11.27	2.71	584	5.6	97.5	97.1	97.9	2,079	50,950	5.95
Cash tenants	30	26.4	2.3	3.6	2.6	573	10,885	14.51	2.53	...	...	...	...	...	...	...	...
All share tenants	5	24.0	0.4	0.4	0.4	435	1,375	11.96	2.75	5	14.6	0.8	1.5	0.8	4,000	425	6.07
Other tenants	15	26.5	1.1	0.9	0.5	785	2,090	15.48	1.97	10	22.5	1.7	1.4	1.3	2,174	1,575	13.70
New Jersey, total	10,781	56.6	100.0	100.0	100.0	779	11,564,437	19.47	2.50	5,216	11.4	100.0	100.0	100.0	1,804	991,662	8.28
Owners, part owners, and managers	9,709	56.4	90.1	89.0	88.2	786	10,305,457	19.66	2.50	4,724	11.6	90.6	90.0	90.1	1,801	902,567	8.36
Cash tenants	587	55.6	5.4	5.8	6.8	665	699,360	17.20	2.59	292	9.4	5.6	5.4	5.7	1,694	48,355	7.05
All share tenants	290	65.9	2.7	4.5	4.0	864	477,590	19.98	2.31	140	11.8	2.7	4.0	3.6	2,047	34,405	8.06
Other tenants	195	45.3	1.8	0.7	0.9	616	82,030	15.64	2.54	60	5.9	1.2	0.6	0.6	1,941	6,335	9.32
Areas 1, A, B, and C	5,901	51.4	100.0	100.0	100.0	604	4,845,616	14.88	2.47	2,661	9.3	100.0	100.0	100.0	1,701	433,191	7.35
Owners, part owners, and managers	5,155	51.4	87.4	85.8	86.1	601	4,164,791	14.85	2.47	2,355	9.7	88.5	87.6	89.4	1,668	383,571	7.28
Cash tenants	456	50.2	7.7	7.8	8.9	530	391,965	13.46	2.54	211	7.2	7.9	8.2	7.1	1,967	33,935	8.12
All share tenants	145	58.5	2.5	5.2	3.8	840	232,755	19.01	2.26	65	8.9	2.4	3.9	3.2	2,080	14,155	7.59
Other tenants	145	44.3	2.5	1.1	1.2	562	56,105	14.59	2.60	30	2.7	1.1	0.3	0.4	1,489	1,530	6.51
Areas 2, D, E, and F	4,880	64.4	100.0	100.0	100.0	992	6,718,821	25.04	2.52	2,555	14.6	100.0	100.0	100.0	1,904	558,471	9.19
Owners, part owners, and managers	4,554	63.6	93.3	91.3	90.8	998	6,140,666	25.20	2.53	2,369	14.4	92.7	92.0	90.9	1,928	518,996	9.40
Cash tenants	131	76.4	2.7	4.4	4.3	1,006	307,395	26.62	2.65	81	17.7	3.2	2.9	4.4	1,267	14,420	5.39
All share tenants	145	76.0	3.0	3.9	4.3	889	244,835	21.01	2.36	75	15.7	2.9	4.2	4.0	2,021	20,250	8.42
Other tenants	50	48.4	1.0	0.4	0.5	766	25,925	18.52	2.42	30	15.4	1.2	0.8	0.7	2,180	4,805	10.80
New Mexico, total	2,927	10.5	100.0	100.0	100.0	247	2,359,323	10.24	4.14	2	(Z)	100.0	100.0	100.0	2,966	3,602	11.22
Owners, part owners, and managers	2,365	9.9	80.8	79.3	77.8	252	1,827,540	10.20	4.05	2	(Z)	100.0	100.0	100.0	2,966	3,602	11.22
Cash tenants	64	10.2	2.2	1.3	1.5	206	39,837	11.35	5.50	...	...	...	...	...	...	...	...
All share tenants	468	14.1	16.0	18.9	20.2	231	480,911	10.32	4.46	...	...	...	...	...	...	...	...
Other tenants	30	7.1	1.0	0.5	0.4	252	11,035	10.71	4.24	...	...	...	...	...	...	...	...
Area 1a	349	14.3	100.0	100.0	100.0	153	92,181	6.27	4.11	...	...	...	...	...	...	...	...
Owners, part owners, and managers	304	12.9	87.1	83.4	84.3	151	75,041	6.05	4.01	...	...	...	...	...	...	...	...
Cash tenants	25	42.3	7.2	10.2	7.7	202	11,735	10.38	5.15	...	...	...	...	...	...	...	...
All share tenants	20	32.3	5.7	6.4	8.0	122	5,405	4.58	3.75	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
New Mexico—Continued																	
Area 1b	126	4.8	100.0	100.0	100.0	153	33,554	6.82	4.46	...	...	...	...	...	...	...	...
Owners, part owners, and managers	115	4.3	91.3	86.2	83.0	159	28,187	6.90	4.35	...	...	...	...	...	...	...	...
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	11	11.7	8.7	13.8	17.0	125	5,367	6.43	5.16	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2	549	1.5	100.0	100.0	100.0	195	193,307	8.64	4.42	...	...	...	...	...	...	...	...
Owners, part owners, and managers	441	1.3	80.3	71.3	72.0	194	117,462	7.30	3.77	...	...	...	...	...	...	...	...
Cash tenants	26	3.9	4.7	4.5	4.7	187	9,485	9.03	4.84	...	...	...	...	...	...	...	...
All share tenants	72	2.2	13.1	22.4	22.0	199	62,815	12.75	6.42	...	...	...	...	...	...	...	...
Other tenants	10	2.9	1.8	1.8	1.3	276	3,545	12.22	4.43	...	...	...	...	...	...	...	...
Area 3	1,903	36.5	100.0	100.0	100.0	263	2,040,281	10.83	4.12	2	0.1	100.0	100.0	100.0	2,966	3,602	11.22
Owners, part owners, and managers	1,505	35.4	79.1	79.7	77.8	270	1,606,850	10.96	4.06	2	0.1	100.0	100.0	100.0	2,966	3,602	11.22
Cash tenants	13	35.2	0.7	0.6	0.7	226	18,617	14.00	6.21	...	...	...	...	...	...	...	...
All share tenants	365	42.4	19.2	19.3	21.1	241	407,324	10.27	4.26	...	...	...	...	...	...	...	...
Other tenants	20	20.4	1.1	0.4	0.4	243	7,490	10.12	4.16	...	...	...	...	...	...	...	...
New York, total	56,088	29.9	100.0	100.0	100.0	456	26,247,215	12.03	2.64	23,830	5.2	100.0	100.0	100.0	2,996	3,633,638	9.64
Owners, part owners, and managers	53,281	29.9	95.0	93.4	94.3	452	24,524,884	11.92	2.64	22,737	5.2	95.4	95.4	95.3	2,999	3,466,463	9.65
Cash tenants	1,314	32.0	2.3	3.4	2.5	627	874,510	16.26	2.59	521	4.8	2.2	1.9	2.2	2,665	71,570	8.81
All share tenants	965	28.9	1.7	2.0	2.4	378	523,680	10.14	2.68	345	3.2	1.4	1.6	1.5	3,159	59,460	10.38
Other tenants	528	27.7	0.9	1.2	0.9	658	324,141	17.34	2.63	227	5.6	1.0	1.1	1.0	3,181	36,145	9.62
Areas 1, A, and B	8,547	45.5	100.0	100.0	100.0	448	4,934,986	12.07	2.70	2,180	4.6	100.0	100.0	100.0	2,827	322,342	7.87
Owners, part owners, and managers	8,002	45.3	93.6	93.7	93.1	451	4,622,466	12.14	2.69	2,060	4.6	94.5	94.7	95.1	2,816	305,422	7.84
Cash tenants	230	49.4	2.7	2.8	2.9	431	137,580	11.46	2.66	60	3.1	2.8	1.9	1.9	2,810	7,190	9.40
All share tenants	175	48.8	2.0	2.0	2.7	335	98,835	9.05	2.70	35	3.1	1.6	1.5	1.7	2,561	4,280	6.16
Other tenants	140	42.4	1.6	1.4	1.3	507	76,105	14.72	2.90	25	4.5	1.1	1.9	1.3	4,018	5,450	10.00
Area 2	7,252	47.6	100.0	100.0	100.0	370	4,421,409	9.79	2.65	1,746	3.2	100.0	100.0	100.0	3,200	315,721	10.55
Owners, part owners, and managers	6,709	47.5	92.5	91.7	91.2	372	4,035,519	9.80	2.63	1,646	3.3	94.3	95.2	95.3	3,197	299,346	10.50
Cash tenants	158	50.9	2.2	2.9	2.4	447	132,735	12.23	2.74	10	0.8	0.6	0.3	0.5	1,812	695	4.34
All share tenants	315	51.9	4.3	4.7	5.5	314	217,235	8.77	2.79	70	1.9	4.0	3.7	3.1	3,839	12,910	13.88
Other tenants	70	34.1	1.0	0.7	0.9	292	35,920	8.58	2.94	20	2.6	1.1	0.7	1.1	2,222	2,770	8.79
Area 3a	5,524	27.6	100.0	100.0	100.0	363	1,398,943	9.59	2.64	2,907	7.3	100.0	100.0	100.0	3,360	474,492	12.23
Owners, part owners, and managers	5,339	27.7	96.7	95.9	95.8	364	1,338,643	9.58	2.63	2,797	7.3	96.2	94.4	94.6	3,353	446,672	12.18
Cash tenants	100	30.7	1.8	2.1	2.3	330	28,710	8.47	2.56	60	13.3	2.1	3.6	3.8	3,150	16,675	11.34
All share tenants	60	26.1	1.1	1.6	1.7	339	27,060	10.80	3.19	35	5.5	1.2	1.8	1.4	4,358	10,005	18.88
Other tenants	25	12.2	0.5	0.4	0.2	784	4,530	18.12	2.31	15	5.1	0.5	0.3	0.3	3,714	1,140	10.86
Area 3b	4,268	32.5	100.0	100.0	100.0	427	2,169,836	11.46	2.69	2,315	7.8	100.0	100.0	100.0	2,845	461,326	10.13
Owners, part owners, and managers	4,128	32.6	96.7	96.7	96.7	427	2,102,111	11.49	2.69	2,250	7.9	97.2	97.1	97.0	2,847	447,761	10.13
Cash tenants	30	43.6	0.7	0.5	0.7	288	9,405	7.21	2.50	10	3.3	0.4	0.2	0.2	2,200	890	8.90
All share tenants	85	27.6	2.0	2.5	2.0	519	49,125	12.86	2.48	45	8.1	1.9	2.3	2.5	2,702	10,940	9.72
Other tenants	25	38.4	0.6	0.4	0.6	258	9,195	7.79	3.02	10	4.4	0.4	0.4	0.3	3,926	1,735	12.85
Areas 4 and C	6,248	36.5	100.0	100.0	100.0	377	2,807,196	10.21	2.71	2,200	4.8	100.0	100.0	100.0	2,653	305,369	8.48
Owners, part owners, and managers	6,038	36.5	96.6	97.2	96.8	378	2,727,676	10.24	2.71	2,155	4.8	98.0	98.5	98.2	2,662	301,549	8.53
Cash tenants	105	48.1	1.7	1.5	1.5	365	43,480	10.50	2.88	15	3.5	0.7	0.2	0.8	600	630	2.10
All share tenants	75	31.4	1.2	0.9	1.2	266	22,805	6.79	2.55	20	1.9	0.9	0.8	0.6	3,900	2,030	10.15
Other tenants	30	31.3	0.5	0.5	0.4	436	13,235	10.89	2.50	10	3.7	0.5	0.5	0.4	3,103	1,160	8.00
Areas 5 and D	3,604	20.9	100.0	100.0	100.0	389	1,107,188	10.19	2.62	1,734	5.1	100.0	100.0	100.0	3,322	240,074	9.05
Owners, part owners, and managers	3,484	21.1	96.7	97.5	97.0	391	1,077,073	10.22	2.61	1,709	5.2	98.6	98.5	98.7	3,316	235,959	9.01
Cash tenants	75	21.8	2.1	1.6	2.0	308	18,060	8.44	2.74	10	1.1	0.6	0.5	0.4	4,381	935	8.90
All share tenants	5	1.7	0.1	0.1	0.1	333	750	8.33	2.50	...	...	...	...	...	...	...	...
Other tenants	40	20.6	1.1	0.9	0.9	368	11,305	11.31	3.07	15	4.9	0.9	1.0	0.9	3,583	3,180	13.25
Areas 6 and E	5,733	18.8	100.0	100.0	100.0	363	1,394,177	9.46	2.61	3,981	6.7	100.0	100.0	100.0	3,152	551,716	10.42
Owners, part owners, and managers	5,533	19.0	96.5	97.2	97.7	361	1,351,487	9.38	2.60	3,871	6.8	97.2	96.7	97.3	3,134	536,761	10.42
Cash tenants	105	12.3	1.8	1.8	1.3	503	28,220	15.09	3.00	60	5.0	1.5	1.5	1.4	3,240	7,150	9.53
All share tenants	50	15.0	0.9	0.7	0.7	375	8,860	9.23	2.46	25	5.8	0.6	0.9	0.7	3,919	3,135	8.47
Other tenants	45	7.7	0.8	0.4	0.4	393	5,610	10.49	2.67	25	4.7	0.6	1.0	0.6	4,985	4,670	14.37
Area 7	5,714	12.1	100.0	100.0	100.0	371	1,310,632	10.07	2.71	1,718	2.5	100.0	100.0	100.0	2,669	160,607	5.95
Owners, part owners, and managers	5,514	12.5	96.5	97.2	97.0	372	1,273,857	10.09	2.71	1,608	2.5	93.6	93.1	94.3	2,636	148,332	5.82
Cash tenants	35	6.1	0.6	0.3	0.4	314	4,915	10.03	3.19	15	2.3	0.9	1.4	0.7	5,297	1,560	8.43
All share tenants	140	5.3	2.5	2.2	2.3	355	27,235	9.22	2.60	85	2.4	4.9	5.4	4.9	2,966	10,460	7.95
Other tenants	25	7.7	0.4	0.3	0.4	304	4,625	9.25	3.04	10	0.6	0.6	0.1	0.1	1,750	255	6.38

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting uss of fertilizer	Acres fertilized ss a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per scre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed ss a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per scre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
New York—Continued																	
Areas 8 and F	3,358	19.2	100.0	100.0	100.0	368	863,535	9.53	2.59	1,535	4.2	100.0	100.0	100.0	3,343	189,697	9.46
Owners, part owners, and managers	3,192	19.2	95.1	94.9	94.6	369	818,358	9.55	2.59	1,424	4.1	92.8	92.0	92.2	3,334	172,765	9.34
Cash tenants	95	19.2	2.8	2.9	3.2	342	26,420	9.22	2.70	60	4.8	3.9	3.4	3.6	3,139	7,030	9.76
All share tenants	30	22.3	0.9	0.9	0.8	376	7,630	10.11	2.69	10	7.1	0.7	1.0	1.2	2,917	2,800	11.67
Other tenants	41	20.5	1.2	1.3	1.4	328	11,127	8.60	2.62	41	9.4	2.7	3.6	3.0	4,067	7,102	11.96
Area 9	4,132	25.4	100.0	100.0	100.0	458	1,942,088	12.27	2.68	2,825	8.0	100.0	100.0	100.0	3,104	525,784	10.50
Owners, part owners, and managers	3,839	26.2	92.9	95.0	94.3	461	1,834,814	12.30	2.67	2,593	8.1	91.8	93.5	92.3	3,146	490,616	10.62
Cash tenants	231	17.1	5.6	4.1	4.8	393	86,515	11.45	2.91	191	7.0	6.8	4.8	6.2	2,397	25,235	8.09
All share tenants	15	15.4	0.4	0.2	0.3	364	3,770	8.57	2.36	15	9.6	0.5	0.4	0.5	2,000	2,675	9.73
Other tenants	47	15.9	1.1	0.7	0.7	462	16,989	15.57	3.37	26	6.8	0.9	1.3	0.9	4,298	7,258	15.44
Area G	1,708	75.3	100.0	100.0	100.0	2,064	3,897,225	50.78	2.46	689	8.7	100.0	100.0	100.0	1,375	86,510	9.72
Owners, part owners, and managers	1,503	73.4	88.0	85.3	86.3	2,041	3,342,880	50.47	2.47	624	8.4	90.6	89.4	84.9	1,448	81,280	10.76
Cash tenants	150	91.9	8.8	9.4	9.3	2,087	358,470	50.03	2.40	30	5.8	4.4	4.7	5.1	1,267	3,580	7.96
All share tenants	15	89.6	0.9	1.6	1.4	2,326	60,375	56.16	2.41	5	4.2	0.7	0.2	0.6	400	225	4.50
Other tenants	40	85.3	2.3	3.6	3.0	2,542	135,500	59.69	2.35	30	31.8	4.4	5.8	9.5	840	1,425	1.69
North Carolina, total	174,474	69.6	100.0	100.0	100.0	587	64,517,485	14.69	2.50	21,505	4.1	100.0	100.0	100.0	1,867	1,631,910	6.23
Owners, part owners, and managers	91,106	64.1	52.2	54.4	58.8	543	35,097,125	13.60	2.50	16,531	5.4	76.9	88.1	83.1	1,979	1,376,685	6.32
Cash tenants	2,010	68.4	1.2	1.2	1.1	625	785,157	16.19	2.59	126	1.8	0.6	0.4	0.5	1,542	7,218	5.80
All share tenants	33,949	77.2	19.5	20.6	19.2	630	13,404,205	15.88	2.52	2,152	1.8	10.0	5.6	7.4	1,421	118,900	6.13
Croppers	43,889	83.5	25.2	22.1	19.1	678	14,191,980	16.89	2.49	2,371	1.9	11.0	4.3	7.4	1,086	103,313	5.34
Other tenants	3,520	66.4	2.0	1.6	1.7	551	1,039,018	13.54	2.46	325	3.7	1.5	1.6	1.6	1,812	25,794	6.08
Areas 1 and A	12,800	37.3	100.0	100.0	100.0	555	1,853,997	12.88	2.32	3,389	8.0	100.0	100.0	100.0	2,375	121,386	3.93
Owners, part owners, and managers	11,320	37.1	88.4	92.8	93.7	549	1,720,902	12.75	2.32	3,254	8.3	96.0	97.0	97.4	2,367	118,156	3.93
Cash tenants	40	37.6	0.3	0.2	0.2	800	3,540	15.06	1.88	5	1.6	0.1	(Z)	(Z)	3,000	15	1.50
All share tenants	605	39.2	4.7	2.7	2.6	597	50,225	13.67	2.29	65	2.7	1.9	1.2	0.8	3,569	1,295	5.08
Croppers	595	46.7	4.6	3.0	2.4	710	54,365	16.04	2.26	30	3.2	0.9	0.7	0.7	2,087	960	4.17
Other tenants	240	34.6	1.9	1.2	1.2	586	24,965	14.69	2.51	35	6.5	1.0	1.0	1.0	2,375	960	3.00
Area 2	2,778	53.1	100.0	100.0	100.0	416	548,601	9.10	2.19	606	6.6	100.0	100.0	100.0	2,306	39,074	5.20
Owners, part owners, and managers	2,523	53.0	90.8	93.4	92.9	418	513,111	9.16	2.19	591	7.0	97.5	98.7	99.0	2,300	38,449	5.17
Cash tenants	15	67.9	0.5	0.2	0.6	119	1,110	3.00	2.52	...	..	...	...	...	...	...	...
All share tenants	105	40.6	3.8	2.5	2.6	405	13,225	8.45	2.09	5	1.0	0.8	0.6	0.5	2,500	250	6.25
Croppers	80	75.3	2.9	2.3	2.4	406	13,075	9.05	2.23	...	...	...	...	...	...	...	...
Other tenants	55	64.4	2.0	1.6	1.5	432	8,080	8.69	2.01	10	2.4	1.7	0.7	0.5	3,429	375	10.71
Areas 3, B, and C	29,451	58.7	100.0	100.0	100.0	585	7,691,768	14.35	2.45	2,632	3.0	100.0	100.0	100.0	2,109	179,570	6.50
Owners, part owners, and managers	15,236	56.6	51.7	58.5	64.6	530	4,559,538	13.16	2.48	2,207	3.9	83.9	87.8	87.5	2,117	155,975	6.46
Cash tenants	160	42.6	0.5	0.5	0.4	652	38,100	15.97	2.45	5	0.3	0.2	0.1	0.1	3,333	150	10.00
All share tenants	5,575	56.4	18.9	18.1	16.3	647	1,410,535	16.12	2.49	200	1.1	7.6	5.9	6.2	2,017	11,255	6.56
Croppers	7,775	72.6	26.4	20.7	16.5	733	1,520,540	17.20	2.34	155	1.0	5.9	4.1	4.3	2,000	8,545	7.12
Other tenants	705	60.2	2.4	2.2	2.1	612	163,055	14.35	2.34	65	2.8	2.5	2.1	1.9	2,262	3,645	6.81
Area 4a	5,833	55.4	100.0	100.0	100.0	417	1,643,815	9.66	2.32	1,001	5.3	100.0	100.0	100.0	2,128	109,067	6.72
Owners, part owners, and managers	4,878	55.5	83.6	89.3	91.4	407	1,468,260	9.44	2.32	936	5.6	93.5	97.1	97.0	2,130	106,067	6.74
Cash tenants	35	60.8	0.6	0.6	0.5	498	12,185	13.54	2.72	5	6.8	0.5	0.6	0.6	2,000	300	3.00
All share tenants	345	56.7	5.9	4.2	3.6	484	68,240	11.05	2.29	40	2.4	4.0	1.5	1.6	2,000	1,590	6.00
Croppers	485	68.8	8.3	5.2	3.5	621	86,105	14.48	2.33	10	0.6	1.0	0.3	0.3	1,818	320	5.82
Other tenants	90	28.7	1.5	0.6	0.9	286	9,025	5.86	2.05	10	1.2	1.0	0.5	0.4	2,462	790	12.15
Area 4h	5,149	66.3	100.0	100.0	100.0	364	2,099,832	8.25	2.26	1,618	8.9	100.0	100.0	100.0	2,048	243,314	7.11
Owners, part owners, and managers	4,194	65.8	81.5	88.4	87.7	368	1,825,252	8.18	2.23	1,463	9.0	90.4	92.0	88.9	2,120	222,699	7.32
Cash tenants	25	55.9	0.5	0.3	0.3	455	7,330	11.11	2.44	5	3.0	0.3	0.2	0.1	4,000	490	14.00
All share tenants	455	67.5	8.8	6.3	7.1	326	172,275	9.52	2.92	100	8.4	6.2	4.6	6.6	1,419	11,150	4.94
Croppers	375	72.4	7.3	3.0	2.9	367	55,520	7.44	2.02	20	7.3	1.2	1.0	2.2	967	3,285	4.35
Other tenants	100	74.8	1.9	2.0	2.0	351	39,455	7.57	2.16	30	10.9	1.9	2.2	2.2	2,000	5,690	7.49
Areas 5 and D	10,469	72.4	100.0	100.0	100.0	444	3,756,079	9.72	2.19	1,542	4.6	100.0	100.0	100.0	2,118	139,086	5.64
Owners, part owners, and managers	6,388	69.7	61.0	70.4	72.7	430	2,666,889	9.49	2.21	1,417	5.7	91.9	95.0	93.8	2,146	130,706	5.65
Cash tenants	151	60.4	1.4	1.0	1.0	436	39,140	9.95	2.28	15	1.8	1.0	0.4	0.5	1,739	535	4.65
All share tenants	1,300	77.7	12.4	11.4	10.8	471	418,105	10.05	2.13	65	1.8	4.2	3.1	3.9	1,675	5,940	6.22
Croppers	2,290	89.3	21.9	14.9	13.2	502	545,290	10.69	2.13	30	0.6	1.9	1.1	1.4	1,647	1,010	2.97
Other tenants	340	65.8	3.2	2.2	2.3	434	86,655	9.75	2.25	15	0.9	1.0	0.5	0.5	2,000	895	7.16
Areas 6 and E	27,175	76.4	100.0	100.0	100.0	671	10,377,014	17.30	2.58	1,401	1.6	100.0	100.0	100.0	1,883	87,473	7.00
Owners, part owners, and managers	12,241	71.6	45.0	48.4	50.7	641	5,116,794	16.83	2.63	1,066	2.4	76.1	84.9	81.9	1,953	70,563	6.90
Cash tenants	385	71.7	1.4	1.2	1.1	711	122,985	18.42	2.59	5	1.1	0.4	0.9	0.8	1,905	810	7.71
All share tenants	8,552	80.4	31.5	33.3	31.9	701	3,406,800	17.83	2.54	205	0.7	14.6	11.7	13.1	1,677	12,900	7.87
Croppers	5,501	88.7	20.2	15.8	14.9	711	1,593,250	17.85	2.51	100	0.5	7.1	2.3	3.8	1,116	2,780	5.85
Other tenants	496	71.5	1.8	1.4	1.4	639	137,185	15.84	2.48	25	0.4	1.8	0.3	0.4	1,556	420	9.33
Area 7	14,988	74.8	100.0	100.0	100.0	578	6,799,076	14.70	2.54	2,448	5.0	100.0	100.0	100.0	1,194	171,236	5.52
Owners, part owners, and managers	6,057	73.0	40.4	45.6	47.1	559	3,179,104	14.59	2.61	1,203	6.3	49.1	65.4	60.3	1,294	114,313	6.11
Cash tenants	451	69.5	3.0	2.7	3.0	513	198,057	14.09	2.75	49	2.6	2.0	1.8	1.7	1,294	2,998	5.72
All share tenants	2,461	75.9	16.4	17.6	18.2	557	1,153,160	13.68	2.45	420	3.8	17.2	10.5	13.5	931	18,755	4.48
Croppers	5,731	78.2	38.2	32.6	29.9	628	2,158,585	15.59	2.48	725	3.9	29.6	19.8	22.2	1,067	31,685	4.61
Other tenants	288	67.8	1.9	1.6	1.7	541	110,170	13.90	2.57	51	6.2	2.1	2.4	2.3	1,238	3,485	4.79

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
North Carolina—Continued																	
Area 8	27,048	83.0	100.0	100.0	100.0	685	12,388,975	17.85	2.60	1,780	1.8	100.0	100.0	100.0	1,215	89,392	5.86
Owners, part owners, and managers	6,699	75.6	24.8	28.5	30.3	645	3,587,030	17.07	2.65	567	2.4	31.9	62.5	44.1	1,720	44,907	6.67
Cash tenants	296	73.3	1.1	1.0	0.9	759	131,610	20.68	2.72	11	2.0	0.6	0.6	1.1	706	550	3.24
All share tenants	5,286	86.1	19.5	21.5	21.5	686	2,671,065	17.89	2.61	291	1.0	16.3	8.4	10.9	931	8,545	5.13
Croppers	14,325	87.5	53.0	47.6	45.7	714	5,834,275	18.39	2.57	880	1.7	49.4	25.5	41.4	748	32,725	5.19
Other tenants	442	78.9	1.6	1.3	1.6	561	164,995	14.67	2.62	31	2.7	1.7	3.1	2.5	1,500	2,665	7.01
Area 9	13,707	75.1	100.0	100.0	100.0	578	5,725,338	14.33	2.48	826	1.8	100.0	100.0	100.0	1,635	69,643	7.10
Owners, part owners, and managers	5,463	67.1	39.9	44.2	46.6	548	2,608,313	14.00	2.56	480	2.3	58.1	66.8	64.2	1,703	44,728	7.11
Cash tenants	191	74.1	1.4	1.8	1.7	633	105,880	15.71	2.48	5	0.2	0.6	0.1	0.2	667	115	7.67
All share tenants	5,587	85.0	40.8	40.5	38.6	606	2,279,060	14.76	2.44	255	1.3	30.9	22.3	23.3	1,562	17,025	7.45
Croppers	2,100	84.9	15.3	11.2	10.6	609	607,835	14.29	2.34	80	1.8	9.7	8.2	9.0	1,492	5,675	6.41
Other tenants	366	71.3	2.7	2.3	2.4	560	124,250	13.09	2.34	6	2.5	0.7	2.6	3.4	1,273	2,100	6.36
Area 10	4,323	78.3	100.0	100.0	100.0	586	2,911,471	14.70	2.51	910	8.3	100.0	100.0	100.0	1,852	150,306	7.17
Owners, part owners, and managers	3,016	76.9	69.8	72.5	74.1	573	2,104,783	14.34	2.50	739	9.6	81.2	88.9	87.9	1,874	131,196	7.12
Cash tenants	65	88.2	1.5	1.8	0.9	1,092	46,670	25.09	2.30	...	...	...	...	...	...	...	...
All share tenants	491	80.6	11.4	13.2	14.1	551	388,810	13.92	2.53	75	3.7	8.2	4.7	6.1	1,427	9,110	7.15
Croppers	710	85.9	16.4	11.8	10.0	690	347,660	17.57	2.55	95	4.1	10.4	3.8	4.6	1,539	7,500	7.85
Other tenants	41	73.9	0.9	0.8	0.9	522	23,548	13.89	2.66	1	13.1	0.1	2.6	1.4	3,333	2,500	8.33
Area 11	20,753	74.7	100.0	100.0	100.0	682	8,721,519	17.97	2.64	3,352	4.8	100.0	100.0	100.0	1,573	232,363	7.44
Owners, part owners, and managers	13,091	70.6	63.1	65.7	65.8	681	5,747,149	18.00	2.64	2,608	5.8	77.8	86.7	84.3	1,618	198,926	7.56
Cash tenants	196	78.0	0.9	0.9	0.9	693	78,550	18.23	2.63	21	2.8	0.6	0.6	0.5	1,871	1,255	8.10
All share tenants	3,187	82.4	15.4	15.6	16.2	658	1,372,705	17.51	2.66	431	3.0	12.9	8.5	9.2	1,458	21,085	7.37
Croppers	3,922	87.8	18.9	16.1	15.5	708	1,375,480	18.28	2.58	246	1.5	7.3	2.8	4.1	1,073	8,828	6.92
Other tenants	357	74.7	1.7	1.7	1.7	682	147,635	18.32	2.69	46	5.7	1.4	1.4	2.0	1,137	2,269	3.67
North Dakota, total	9,924	6.0	100.0	100.0	100.0	64	4,509,111	2.69	4.18	13	(Z)	100.0	100.0	100.0	857	166	1.19
Owners, part owners, and managers	7,954	6.1	80.1	82.7	82.6	64	3,755,519	2.71	4.21	12	(Z)	92.3	98.3	99.3	849	163	1.17
Cash tenants	57	4.9	0.6	0.7	0.4	108	27,208	3.86	3.56	...	...	...	...	...	...	...	...
All share tenants	1,830	5.5	18.4	15.5	16.0	62	674,716	2.51	4.03	1	(Z)	7.7	1.7	0.7	2,000	3	3.00
Other tenants	83	7.9	0.8	1.0	1.0	67	51,668	3.09	4.61	...	...	...	...	...	...	...	...
Area 1	537	1.1	100.0	100.0	100.0	73	165,042	3.09	4.24	3	(Z)	100.0	100.0	100.0	2,000	16	3.20
Owners, part owners, and managers	477	1.2	88.8	93.4	93.0	73	154,551	3.11	4.25	2	(Z)	66.7	80.0	80.0	2,000	13	3.25
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	59	0.5	11.0	5.5	6.4	63	9,291	2.72	4.30	1	(Z)	33.3	20.0	20.0	2,000	3	3.00
Other tenants	1	1.0	0.2	1.1	0.6	140	1,200	4.00	2.86	...	...	...	...	...	...	...	...
Area 2a	313	1.1	100.0	100.0	100.0	50	74,898	1.99	3.97	...	...	...	...	...	...	...	...
Owners, part owners, and managers	291	1.2	93.0	94.7	92.9	51	71,185	2.04	3.99	...	...	...	...	...	...	...	...
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	22	0.6	7.0	5.3	7.1	38	3,713	1.40	3.71	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2b	119	0.3	100.0	100.0	100.0	51	15,459	2.03	4.03	...	...	...	...	...	...	...	...
Owners, part owners, and managers	105	0.3	88.2	95.8	95.1	51	14,812	2.05	4.03	...	...	...	...	...	...	...	...
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	14	0.1	11.8	4.2	4.9	43	647	1.75	4.04	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 3a	2,359	6.1	100.0	100.0	100.0	43	858,356	1.99	4.61	10	(Z)	100.0	100.0	100.0	815	150	1.11
Owners, part owners, and managers	1,891	6.4	80.2	82.0	82.7	43	710,802	1.99	4.66	10	(Z)	100.0	100.0	100.0	815	150	1.11
Cash tenants	10	4.3	0.4	0.3	0.3	53	3,020	2.68	5.03	...	...	...	...	...	...	...	...
All share tenants	444	5.1	18.8	17.2	16.5	45	140,489	1.98	4.38	...	...	...	...	...	...	...	...
Other tenants	14	3.1	0.6	0.4	0.5	39	4,045	1.97	5.06	...	...	...	...	...	...	...	...
Area 3b	1,411	5.0	100.0	100.0	100.0	53	481,925	2.30	4.33	...	...	...	...	...	...	...	...
Owners, part owners, and managers	1,145	5.0	81.1	80.6	80.2	53	387,174	2.30	4.32	...	...	...	...	...	...	...	...
Cash tenants	1	1.9	0.1	0.3	0.2	78	1,350	3.51	4.50	...	...	...	...	...	...	...	...
All share tenants	265	5.2	18.8	19.1	19.6	52	93,401	2.27	4.39	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 3c	960	4.4	100.0	100.0	100.0	71	265,223	2.89	4.06	...	...	...	...	...	...	...	...
Owners, part owners, and managers	676	4.6	70.4	80.2	79.9	71	211,033	2.88	4.03	...	...	...	...	...	...	...	...
Cash tenants	5	1.1	0.5	0.2	0.1	100	475	4.75	4.75	...	...	...	...	...	...	...	...
All share tenants	268	3.9	27.9	19.2	19.3	71	52,592	2.96	4.19	...	...	...	...	...	...	...	...
Other tenants	11	4.4	1.1	0.4	0.6	48	1,123	1.94	4.01	...	...	...	...	...	...	...	...
Area 4	4,225	23.6	100.0	100.0	100.0	77	2,648,208	3.13	4.05	...	...	...	...	...	...	...	...
Owners, part owners, and managers	3,369	24.8	79.7	82.5	82.2	77	2,205,962	3.17	4.09	...	...	...	...	...	...	...	...
Cash tenants	41	20.2	1.0	1.0	0.6	122	22,363	4.11	3.37	...	...	...	...	...	...	...	...
All share tenants	758	18.6	17.9	15.0	15.6	75	374,583	2.84	3.81	...	...	...	...	...	...	...	...
Other tenants	57	30.6	1.3	1.5	1.6	70	45,300	3.29	4.67	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Ohio, total	110,820	52.2	100.0	100.0	100.0	289	49,332,674	7.74	2.67	40,502	6.4	100.0	100.0	100.0	3,702	5,947,606	7.64
Owners, part owners, and managers	86,670	50.8	78.2	72.1	70.2	297	35,635,828	7.96	2.68	33,430	6.9	82.5	77.8	78.3	3,677	4,715,657	7.74
Cash tenants	2,129	53.3	1.9	1.8	1.7	297	875,060	7.99	2.69	764	6.1	1.9	1.5	1.6	3,481	98,910	7.92
All share tenants	19,899	56.7	18.0	24.4	26.2	269	11,950,421	7.16	2.66	5,632	4.8	13.9	18.7	18.3	3,789	1,017,289	7.15
Other tenants	2,122	50.6	1.9	1.7	1.9	269	871,365	7.32	2.72	676	6.1	1.7	2.0	1.8	4,051	115,750	8.08
Areas 1 and A	16,536	52.8	100.0	100.0	100.0	272	8,288,810	7.47	2.75	3,205	2.9	100.0	100.0	100.0	2,780	357,103	5.86
Owners, part owners, and managers	11,575	52.1	70.0	68.4	66.8	279	5,702,565	7.70	2.76	2,355	3.1	73.5	75.5	72.2	2,908	251,898	5.73
Cash tenants	285	58.3	1.7	1.4	1.3	282	114,980	7.81	2.77	30	2.2	0.9	0.4	0.9	1,257	1,765	3.12
All share tenants	4,446	54.2	26.9	29.2	30.8	258	2,383,790	6.98	2.71	800	2.5	25.0	23.5	25.9	2,518	101,440	6.43
Other tenants	230	48.8	1.4	1.0	1.1	258	87,475	7.23	2.80	20	2.3	0.6	0.6	0.9	1,774	2,000	3.48
Area 2	17,069	56.3	100.0	100.0	100.0	258	8,667,623	6.94	2.70	4,878	5.0	100.0	100.0	100.0	3,781	670,946	6.01
Owners, part owners, and managers	12,229	55.4	71.6	66.3	65.9	259	5,749,174	7.00	2.70	3,506	5.1	71.9	66.8	68.3	3,702	460,956	6.05
Cash tenants	211	58.4	1.2	0.9	0.9	257	81,200	7.24	2.82	41	4.1	0.8	0.6	0.7	3,154	4,445	5.70
All share tenants	4,319	58.2	25.3	31.3	31.5	256	2,710,489	6.90	2.69	1,281	5.0	26.3	31.4	30.1	3,941	199,245	5.94
Other tenants	310	56.8	1.8	1.5	1.8	214	126,760	5.77	2.69	50	2.7	1.0	1.2	0.9	4,929	6,300	5.97
Areas 3, B, C, and D	23,152	58.7	100.0	100.0	100.0	276	13,199,781	7.46	2.70	5,074	4.4	100.0	100.0	100.0	3,849	966,661	7.20
Owners, part owners, and managers	15,870	57.7	68.5	62.0	60.9	281	8,260,361	7.66	2.73	3,607	4.8	71.1	63.9	66.6	3,694	623,484	6.98
Cash tenants	417	53.9	1.8	1.6	1.7	268	215,385	7.21	2.69	67	2.8	1.3	1.3	1.2	4,124	10,570	6.71
All share tenants	6,290	60.9	27.2	33.8	34.7	269	4,364,645	7.10	2.64	1,280	3.9	25.2	31.9	29.3	4,196	305,707	7.79
Other tenants	575	57.8	2.5	2.6	2.7	267	359,390	7.53	2.82	120	4.9	2.4	3.0	3.0	3,816	26,900	6.69
Areas 4s and E	4,446	54.6	100.0	100.0	100.0	350	2,220,895	8.92	2.55	2,204	8.7	100.0	100.0	100.0	4,284	280,207	7.04
Owners, part owners, and managers	3,865	53.7	86.9	83.5	81.8	358	1,845,230	9.07	2.54	1,878	8.3	85.2	80.9	79.4	4,363	228,654	7.23
Cash tenants	85	38.4	1.9	1.2	1.3	312	25,080	7.79	2.49	40	4.1	1.8	0.9	0.9	4,609	3,280	9.51
All share tenants	406	61.5	9.1	14.1	15.5	319	321,360	8.35	2.62	256	11.8	11.6	16.9	18.5	3,909	44,168	5.98
Other tenants	90	59.3	2.0	1.2	1.5	292	29,225	7.84	2.69	30	7.5	1.4	1.3	1.2	4,596	4,105	8.73
Area 4b	8,292	54.7	100.0	100.0	100.0	306	3,266,351	7.99	2.61	5,301	11.9	100.0	100.0	100.0	3,682	818,170	9.19
Owners, part owners, and managers	6,816	53.9	82.2	80.8	79.7	310	2,649,746	8.12	2.62	4,320	11.6	81.5	78.8	79.0	3,671	647,110	9.20
Cash tenants	415	60.7	5.0	4.3	4.4	297	136,130	7.55	2.54	260	14.3	4.9	4.1	4.8	3,181	33,750	7.97
All share tenants	896	57.7	10.8	13.2	14.0	289	427,340	7.44	2.58	621	12.3	11.7	14.3	13.7	3,832	112,995	9.26
Other tenants	165	55.5	2.0	1.7	1.8	280	53,135	7.14	2.54	100	16.6	1.9	2.8	2.5	4,157	24,315	10.93
Areas 5, F, G, and H	9,999	49.7	100.0	100.0	100.0	348	3,371,775	9.09	2.61	6,287	12.9	100.0	100.0	100.0	3,934	938,721	9.75
Owners, part owners, and managers	9,203	49.3	92.0	89.0	89.8	345	2,998,610	9.00	2.61	5,751	12.8	91.5	90.4	89.9	3,957	853,096	9.86
Cash tenants	286	59.8	2.9	4.3	3.9	381	148,185	10.14	2.66	156	11.3	2.5	2.3	2.9	3,193	19,720	7.13
All share tenants	305	54.1	3.1	5.2	4.7	385	174,750	10.08	2.62	255	16.6	4.1	5.3	5.5	3,746	48,850	9.20
Other tenants	205	39.8	2.1	1.5	1.6	338	50,230	8.67	2.56	125	11.5	2.0	2.0	1.7	4,549	17,055	10.18
Area 6s	6,589	52.0	100.0	100.0	100.0	301	3,039,184	8.07	2.68	2,557	8.3	100.0	100.0	100.0	3,469	466,043	7.75
Owners, part owners, and managers	5,453	52.2	82.8	78.6	78.4	302	2,381,404	8.06	2.67	2,172	9.0	84.9	82.8	84.9	3,387	384,178	7.53
Cash tenants	80	47.2	1.2	1.0	1.1	276	28,950	7.14	2.58	30	6.1	1.2	0.5	0.9	2,135	2,525	4.86
All share tenants	955	51.8	14.5	19.2	19.1	303	590,890	8.19	2.71	330	5.8	12.9	15.5	13.4	4,016	73,920	9.15
Other tenants	101	48.6	1.5	1.2	1.4	267	37,940	7.20	2.69	25	4.7	1.0	1.1	0.8	4,392	5,420	10.63
Areas 6b and J	7,959	37.6	100.0	100.0	100.0	333	2,333,996	9.01	2.71	4,746	11.1	100.0	100.0	100.0	3,647	678,503	8.90
Owners, part owners, and managers	7,268	37.1	91.3	88.4	88.1	334	2,053,546	9.00	2.69	4,340	11.1	91.4	89.5	89.3	3,654	603,476	8.87
Cash tenants	180	42.4	2.3	2.9	2.6	361	69,915	10.22	2.84	90	7.8	1.9	2.3	1.6	5,203	18,430	14.69
All share tenants	346	47.3	4.3	6.4	7.0	303	156,660	8.61	2.84	211	11.8	4.4	5.9	6.0	3,617	40,992	9.02
Other tenants	165	30.8	2.1	2.4	2.2	351	53,875	9.32	2.66	105	12.5	2.2	2.3	3.1	2,698	15,605	6.64
Areas 7 and K	8,099	41.8	100.0	100.0	100.0	314	2,939,490	7.96	2.54	2,804	7.2	100.0	100.0	100.0	3,873	366,967	5.80
Owners, part owners, and managers	6,391	40.1	78.9	73.0	69.8	329	2,158,688	8.38	2.55	2,247	7.4	80.1	76.4	75.2	3,934	281,927	5.93
Cash tenants	70	41.3	0.9	1.2	1.3	295	36,780	7.94	2.69	5	1.1	0.2	0.3	0.2	5,440	1,075	8.60
All share tenants	1,503	47.2	18.6	24.5	27.5	279	707,787	6.96	2.49	492	6.9	17.5	21.1	23.4	3,491	76,850	5.20
Other tenants	135	35.5	1.7	1.3	1.4	297	36,235	7.20	2.43	60	5.4	2.1	2.2	1.2	7,197	7,115	9.36
Areas 8s and L	3,746	37.0	100.0	100.0	100.0	334	997,766	8.85	2.65	1,206	7.2	100.0	100.0	100.0	3,365	161,318	7.36
Owners, part owners, and managers	3,459	36.5	92.3	90.7	88.1	343	908,621	7.14	2.66	1,155	7.7	95.8	93.4	95.2	3,300	152,533	7.31
Cash tenants	30	40.7	0.8	0.7	1.1	201	8,580	7.00	3.49	10	4.3	0.8	0.5	0.6	2,692	625	4.81
All share tenants	211	39.2	5.6	7.2	8.7	274	66,330	6.74	2.46	35	2.9	2.9	4.6	3.3	4,783	7,010	9.80
Other tenants	46	48.0	1.2	1.5	2.1	243	14,235	6.11	2.52	6	4.1	0.5	1.5	0.9	5,560	1,150	5.75
Area 8b	4,933	31.9	100.0	100.0	100.0	373	1,007,003	9.95	2.67	2,240	7.9	100.0	100.0	100.0	3,631	242,967	9.74
Owners, part owners, and managers	4,541	32.0	92.1	92.0	91.9	373	927,883	9.98	2.68	2,099	8.1	93.7	93.0	94.8	3,561	228,345	9.66
Cash tenants	70	27.5	1.4	1.1	1.1	367	9,875	8.94	2.43	35	4.7	1.6	1.4	0.8	6,526	2,725	14.34
All share tenants	222	32.3	4.5	4.8	5.2	342	46,380	8.80	2.58	71	3.8	3.2	3.1	2.5	4,542	6,112	9.79
Other tenants	100	29.5	2.0	2.2	1.8	453	22,865	12.56	2.77	35	7.9	1.6	2.5	1.9	4,701	5,785	11.93

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Oklahoma, total	24,735	13.4	100.0	100.0	100.0	125	6,730,958	3.57	2.86	1,733	0.4	100.0	100.0	100.0	2,606	259,392	4.73
Owners, part owners, and managers	18,534	13.4	74.9	79.8	76.2	131	5,310,411	3.70	2.83	1,474	0.4	85.1	85.6	80.3	2,779	219,281	4.99
Cash tenants	1,106	12.4	4.5	2.6	2.6	127	167,384	3.42	2.69	52	0.2	3.0	1.6	1.7	2,476	2,785	2.95
All share tenants	4,570	13.6	18.5	15.9	19.5	102	1,140,028	3.11	3.05	172	0.3	9.9	10.6	14.7	1,877	29,881	3.71
Croppers	237	11.6	1.0	0.9	0.8	131	59,255	3.84	2.94	25	1.1	1.4	1.5	2.7	1,512	4,055	2.79
Other tenants	288	13.9	1.2	0.8	0.9	112	53,880	3.25	2.90	10	0.3	0.6	0.7	0.7	2,603	3,390	9.29
Area 1	874	1.7	100.0	100.0	100.0	92	168,578	2.79	3.03	...	...	...	...	...	...	...	...
Owners, part owners, and managers	682	1.7	78.0	81.7	79.8	95	136,907	2.84	3.01	...	...	...	...	...	...	...	...
Cash tenants	32	3.4	3.7	2.1	3.0	66	2,771	1.55	2.35	...	...	...	...	...	...	...	...
All share tenants	157	1.5	18.0	15.4	15.8	90	27,422	2.87	3.20	...	...	...	...	...	...	...	...
Croppers	3	2.9	0.3	0.8	1.4	51	1,478	1.73	3.36	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2	4,705	18.8	100.0	100.0	100.0	78	1,624,221	2.86	3.65	369	0.4	100.0	100.0	100.0	2,861	75,165	6.31
Owners, part owners, and managers	3,233	18.8	68.7	72.0	70.0	81	1,154,424	2.91	3.61	302	0.4	81.8	88.8	72.1	3,521	65,495	7.62
Cash tenants	116	12.0	2.5	1.1	1.1	78	15,165	2.47	3.16	5	0.1	1.4	0.7	0.5	4,000	250	4.17
All share tenants	1,249	19.9	26.5	25.2	27.1	73	422,515	2.75	3.78	62	0.4	16.8	10.5	27.4	1,098	9,420	2.89
Croppers	56	9.1	1.2	0.9	0.7	102	15,447	3.96	3.90	...	...	...	...	...	...	...	...
Other tenants	51	18.8	1.1	0.9	1.1	60	16,670	2.57	4.30	...	...	...	...	...	...	...	...
Areas 3 and 4	2,885	25.9	100.0	100.0	100.0	161	1,075,195	4.34	2.70	395	1.5	100.0	100.0	100.0	2,873	64,360	4.56
Owners, part owners, and managers	2,390	25.8	82.8	84.9	84.2	162	921,750	4.42	2.73	348	1.5	88.1	91.4	88.5	2,968	60,060	4.81
Cash tenants	120	15.1	4.2	3.6	2.8	208	34,810	5.03	2.42	22	1.4	5.6	3.7	4.4	2,416	1,800	2.88
All share tenants	337	32.9	11.7	10.7	12.1	143	110,960	3.71	2.60	25	1.1	6.3	4.8	7.1	1,970	2,500	2.51
Croppers	12	28.2	0.4	0.3	0.5	92	3,190	2.61	2.85	...	...	...	...	...	...	...	...
Other tenants	26	11.9	0.9	0.5	0.5	169	4,485	3.71	2.20	...	...	...	...	...	...	...	...
Area 4	4,036	9.3	100.0	100.0	100.0	105	898,414	3.06	2.91	17	(Z)	100.0	100.0	100.0	1,584	5,097	4.59
Owners, part owners, and managers	2,743	9.0	68.0	73.1	71.5	107	648,016	3.08	2.87	11	(Z)	64.7	31.7	18.9	2,657	1,197	5.70
Cash tenants	282	14.5	7.0	4.9	5.1	102	48,245	3.23	3.17	...	...	...	...	...	...	...	...
All share tenants	935	9.4	23.2	20.0	21.7	97	185,748	2.92	3.01	6	0.9	35.3	68.3	81.1	1,333	3,900	4.33
Croppers	61	13.6	1.5	1.6	1.2	135	11,410	3.11	2.30	...	...	...	...	...	...	...	...
Other tenants	15	7.0	0.4	0.4	0.5	74	4,995	3.29	4.46	...	...	...	...	...	...	...	...
Areas 5 and 8	3,691	24.2	100.0	100.0	100.0	139	911,036	3.62	2.61	251	0.5	100.0	100.0	100.0	2,286	24,402	4.42
Owners, part owners, and managers	2,792	25.4	75.6	80.1	76.5	145	726,693	3.78	2.60	205	0.6	81.7	81.2	86.5	2,144	20,081	4.20
Cash tenants	247	14.9	6.7	3.4	4.0	118	31,250	3.09	2.62	20	0.3	8.0	4.1	4.3	2,213	665	2.83
All share tenants	579	23.1	15.7	15.0	18.0	115	139,818	3.09	2.67	26	0.3	10.4	14.7	9.2	3,646	3,656	7.18
Croppers	27	12.0	0.7	0.4	0.4	150	3,185	3.06	2.04	...	...	...	...	...	...	...	...
Other tenants	46	23.1	1.2	1.0	1.1	126	10,090	3.67	2.90	...	...	...	...	...	...	...	...
Area 6	1,629	17.8	100.0	100.0	100.0	168	344,469	4.22	2.51	96	0.7	100.0	100.0	100.0	3,214	14,825	4.78
Owners, part owners, and managers	1,222	18.5	75.0	82.9	82.6	169	281,919	4.18	2.48	85	0.8	88.5	94.1	94.8	3,188	14,225	4.83
Cash tenants	76	12.1	4.7	3.6	3.0	203	10,810	4.39	2.16	5	0.1	5.2	0.7	0.8	2,800	70	2.80
All share tenants	283	16.2	17.4	12.0	13.0	155	46,400	4.38	2.83	6	0.2	6.2	5.2	4.4	3,852	530	3.93
Croppers	12	24.2	0.7	0.9	0.5	279	2,445	5.69	2.04	...	...	...	...	...	...	...	...
Other tenants	36	15.3	2.2	0.6	0.9	114	2,895	3.91	3.45	...	...	...	...	...	...	...	...
Area 7a	969	10.7	100.0	100.0	100.0	170	220,358	4.46	2.61	80	0.3	100.0	100.0	100.0	2,025	4,640	3.47
Owners, part owners, and managers	722	10.7	74.5	82.9	80.3	176	178,739	4.50	2.56	80	0.4	100.0	100.0	100.0	2,025	4,640	3.47
Cash tenants	62	8.3	6.4	3.1	4.5	119	7,500	3.38	2.84	...	...	...	...	...	...	...	...
All share tenants	153	11.6	15.8	11.5	12.6	156	28,624	4.60	2.95	...	...	...	...	...	...	...	...
Croppers	15	14.5	1.5	1.0	1.5	108	3,300	4.34	4.02	...	...	...	...	...	...	...	...
Other tenants	17	11.3	1.8	1.4	1.1	218	2,195	3.92	1.80	...	...	...	...	...	...	...	...
Area 7b	1,138	23.6	100.0	100.0	100.0	162	232,325	3.45	2.12	39	0.4	100.0	100.0	100.0	1,722	8,513	6.76
Owners, part owners, and managers	844	23.6	74.2	82.6	81.0	166	191,125	3.50	2.11	34	0.4	87.2	63.1	76.6	1,420	5,263	5.45
Cash tenants	22	18.6	1.9	1.6	1.3	209	4,030	4.69	2.24	...	...	...	...	...	...	...	...
All share tenants	232	23.2	20.4	13.0	15.0	141	31,125	3.08	2.19	...	...	...	...	...	...	...	...
Croppers	5	18.6	0.4	(Z)	0.1	100	125	3.12	3.12	...	...	...	...	...	...	...	...
Other tenants	35	27.9	3.1	2.7	2.6	169	5,920	3.35	1.99	5	4.7	12.8	36.9	23.4	2,712	3,250	11.02
Area 8a	2,267	25.1	100.0	100.0	100.0	167	694,791	4.62	2.77	231	1.3	100.0	100.0	100.0	2,890	32,960	4.29
Owners, part owners, and managers	1,692	25.7	74.6	80.3	78.3	171	571,401	4.86	2.84	180	1.2	77.9	73.0	71.4	2,954	22,905	4.17
Cash tenants	62	17.1	2.7	1.0	1.0	165	5,676	3.66	2.22	...	...	...	...	...	...	...	...
All share tenants	453	24.5	20.0	16.9	19.2	147	107,809	3.73	2.54	36	1.6	15.6	23.1	24.6	2,720	8,700	4.60
Croppers	30	17.4	1.3	1.2	0.9	218	6,980	5.08	2.33	15	3.9	6.5	3.8	4.0	2,787	1,355	4.44
Other tenants	30	11.5	1.3	0.5	0.5	168	2,925	3.77	2.25	...	...	...	...	...	...	...	...
Area 8b	937	22.7	100.0	100.0	100.0	193	223,129	4.97	2.57	94	1.4	100.0	100.0	100.0	1,849	8,533	3.12
Owners, part owners, and managers	869	22.2	92.7	90.6	87.7	200	198,977	5.06	2.53	79	0.7	84.0	59.7	45.9	2,405	4,978	3.97
Cash tenants	10	18.5	1.1	0.8	0.9	171	1,955	4.65	2.72	...	...	...	...	...	...	...	...
All share tenants	47	25.2	5.0	6.1	7.3	162	13,302	4.07	2.52	10	2.7	10.6	16.6	13.0	2,366	1,155	3.25
Croppers	6	47.9	0.6	2.3	4.0	112	8,650	4.81	4.28	5	30.0	5.3	23.7	41.1	1,067	2,400	2.13
Other tenants	5	3.5	0.5	0.1	0.1	200	245	4.90	2.45	...	...	...	...	...	...	...	...
Area 9	1,604	18.1	100.0	100.0	100.0	187	338,442	4.88	2.61	161	1.6	100.0	100.0	100.0	1,946	20,897	3.46
Owners, part owners, and managers	1,345	17.9	83.9	89.5	88.4	189	300,460	4.90	2.59	150	1.7	93.2	97.3	98.3	1,926	20,437	3.45
Cash tenants	77	15.5	4.8	1.6	2.2	135	5,172	3.43	2.54	...	...	...	...	...	...	...	...
All share tenants	145	23.6	9.0	6.9	7.9	164	26,305	4.80	2.92	1	(Z)	0.6	0.2	0.2	2,000	20	2.00
Croppers	10	13.5	0.6	0.8	0.5	320	3,045	9.37	2.93	5	1.0	3.1	1.3	0.4	6,000	300	12.00
Other tenants	27	12.7	1.7	1.2	1.1	218	3,460	4.71	2.16	5	1.2	3.1	1.3	1.2	2,143	140	2.00

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Oregon, total	17,483	23.8	100.0	100.0	100.0	226	11,375,165	8.91	3.94	1,369	0.4	100.0	100.0	100.0	3,000	321,946	15.31
Owners, part owners, and managers	15,805	23.8	90.4	87.9	86.0	231	9,881,171	8.99	3.90	1,276	0.4	93.2	85.1	89.3	2,859	272,962	14.54
Cash tenants	348	26.0	2.0	2.0	1.6	286	228,087	11.24	3.93	25	0.4	1.8	1.9	1.5	3,869	5,850	19.18
All share tenants	1,226	23.5	7.0	9.6	11.8	183	1,219,456	8.07	4.41	62	0.3	4.5	12.4	8.9	4,214	41,364	22.20
Other tenants	104	17.6	0.6	0.5	0.5	205	46,451	6.91	3.38	6	0.2	0.4	0.6	0.4	4,500	1,770	22.12
Area 1a	1,053	12.2	100.0	100.0	100.0	296	218,226	10.48	3.55	151	0.8	100.0	100.0	100.0	5,551	33,386	26.04
Owners, part owners, and managers	962	12.9	91.4	91.9	91.6	297	200,061	10.50	3.54	136	0.8	90.1	94.2	92.6	5,650	31,116	26.21
Cash tenants	20	4.2	1.9	1.6	1.3	349	4,320	15.71	4.50	...	...	...	...	...	...	...	...
All share tenants	60	10.9	5.7	4.4	6.2	208	10,005	7.76	3.73	15	0.8	9.9	5.8	7.4	4,316	2,270	23.89
Other tenants	11	3.8	1.0	2.1	0.9	684	3,840	19.90	2.91	...	...	...	...	...	...	...	...
Area 1b	1,148	28.4	100.0	100.0	100.0	242	397,834	7.44	3.07	105	0.8	100.0	100.0	100.0	2,753	16,616	11.27
Owners, part owners, and managers	1,085	28.0	94.5	92.8	92.2	244	375,701	7.62	3.13	104	0.8	99.0	94.1	96.6	2,681	15,536	10.91
Cash tenants	16	12.8	1.4	0.8	0.9	210	3,657	7.39	3.52	...	...	...	...	...	...	...	...
All share tenants	25	35.4	2.2	2.3	1.9	295	5,930	5.99	2.03	...	...	...	...	...	...	...	...
Other tenants	22	48.1	1.9	4.2	5.0	200	12,546	4.65	2.32	1	0.9	1.0	5.9	3.4	4,800	1,080	21.60
Areas 2a and A	7,019	42.4	100.0	100.0	100.0	285	3,193,132	11.36	3.99	742	1.2	100.0	100.0	100.0	3,157	122,191	15.45
Owners, part owners, and managers	6,612	42.2	94.2	92.8	92.3	287	2,957,215	11.40	3.98	691	1.2	93.1	87.5	89.9	3,073	109,279	15.37
Cash tenants	160	45.8	2.3	2.7	2.2	344	87,560	14.00	4.07	25	2.2	3.4	4.7	3.9	3,869	5,850	19.18
All share tenants	222	45.3	3.2	4.1	4.9	242	133,482	9.77	4.04	21	1.5	2.8	7.3	5.8	3,935	6,372	13.85
Other tenants	25	40.5	0.4	0.4	0.6	190	14,875	8.20	4.32	5	0.7	0.7	0.5	0.4	4,000	690	23.00
Area 2b	3,341	50.0	100.0	100.0	100.0	236	2,821,179	8.98	3.81	319	1.4	100.0	100.0	100.0	2,815	141,231	15.62
Owners, part owners, and managers	3,041	48.8	91.0	86.7	86.5	236	2,404,265	8.85	3.74	293	1.4	91.8	77.9	85.5	2,564	108,509	14.03
Cash tenants	60	68.2	1.8	1.9	2.2	208	53,205	7.68	3.69	...	...	...	...	...	...	...	...
All share tenants	225	60.1	6.7	11.3	11.2	237	361,014	10.22	4.31	26	2.2	8.2	22.1	14.5	4,304	32,722	25.02
Other tenants	15	8.8	0.4	0.1	0.1	197	2,695	8.84	4.49	...	...	...	...	...	...	...	...
Area 3	1,392	17.9	100.0	100.0	100.0	81	1,635,120	5.04	6.26	11	(Z)	100.0	100.0	100.0	960	136	5.44
Owners, part owners, and managers	1,131	18.5	81.2	81.1	79.0	83	1,316,580	5.14	6.22	11	(Z)	100.0	100.0	100.0	960	136	5.44
Cash tenants	7	12.5	0.5	0.1	0.3	35	2,833	3.34	9.44	...	...	...	...	...	...	...	...
All share tenants	240	16.5	17.2	18.5	20.4	73	310,857	4.69	6.44	...	...	...	...	...	...	...	...
Other tenants	14	7.9	1.0	0.3	0.3	72	4,850	4.62	6.38	...	...	...	...	...	...	...	...
Area 4	3,530	14.8	100.0	100.0	100.0	315	3,109,674	10.99	3.49	41	0.1	100.0	100.0	100.0	1,130	8,386	6.47
Owners, part owners, and managers	2,974	14.1	84.2	85.6	85.9	313	2,627,349	10.81	3.45	41	0.1	100.0	100.0	100.0	1,130	8,386	6.47
Cash tenants	85	14.8	2.4	2.2	1.9	361	76,512	13.92	3.86	...	...	...	...	...	...	...	...
All share tenants	454	24.6	12.9	11.9	11.9	316	398,168	11.85	3.75	...	...	...	...	...	...	...	...
Other tenants	17	10.8	0.5	0.3	0.2	340	7,645	11.60	3.41	...	...	...	...	...	...	...	...
Pennsylvania, total	70,395	46.1	100.0	100.0	100.0	381	28,970,202	9.83	2.58	33,611	9.0	100.0	100.0	100.0	2,714	4,496,230	7.76
Owners, part owners, and managers	62,270	44.9	88.5	86.1	85.2	385	25,063,376	9.98	2.59	30,654	9.4	91.2	91.2	90.6	2,734	4,097,692	7.81
Cash tenants	2,062	51.4	2.9	3.4	3.3	392	1,004,682	10.19	2.60	866	8.3	2.6	2.6	2.8	2,521	114,170	7.15
All share tenants	4,627	57.2	6.6	8.6	9.4	350	2,369,894	8.56	2.45	1,525	6.1	4.5	4.6	5.1	2,487	215,605	7.35
Other tenants	1,436	45.2	2.0	1.9	2.1	349	532,250	8.79	2.52	566	6.9	1.7	1.6	1.6	2,669	68,763	7.43
Areaa 1a, A, and B	6,692	44.0	100.0	100.0	100.0	369	2,178,697	9.90	2.68	3,764	10.3	100.0	100.0	100.0	3,249	447,858	8.69
Owners, part owners, and managers	6,412	43.6	95.8	95.2	94.7	371	2,076,857	9.97	2.69	3,604	10.3	95.7	96.0	95.5	3,267	430,698	8.75
Cash tenants	110	41.8	1.6	2.0	1.8	416	40,755	10.20	2.46	50	7.9	1.3	1.3	1.5	2,967	6,280	8.32
All share tenants	85	64.6	1.3	1.4	2.2	235	29,025	6.12	2.60	65	12.9	1.7	1.4	1.8	2,389	4,570	4.81
Other tenants	85	49.7	1.3	1.4	1.3	386	32,060	10.90	2.82	45	10.3	1.2	1.3	1.2	3,557	6,310	10.34
Area 1b	3,867	37.0	100.0	100.0	100.0	329	1,039,040	8.51	2.59	2,449	11.2	100.0	100.0	100.0	3,023	312,272	8.44
Owners, part owners, and managers	3,711	37.5	96.0	96.0	96.2	328	998,116	8.50	2.59	2,379	11.6	97.1	97.6	97.9	3,016	304,932	8.42
Cash tenants	40	23.0	1.0	0.8	0.8	334	8,080	8.12	2.43	15	7.2	0.6	0.9	0.8	3,290	2,985	9.63
All share tenants	66	33.7	1.7	1.7	1.9	303	18,264	7.99	2.64	35	5.2	1.4	1.0	0.9	3,229	2,810	8.03
Other tenants	50	24.2	1.3	1.4	1.1	435	14,580	11.00	2.53	20	2.2	0.8	0.4	0.3	4,083	1,545	12.88
Area 2	6,539	23.9	100.0	100.0	100.0	365	1,567,173	9.31	2.55	4,634	11.2	100.0	100.0	100.0	2,749	760,533	9.69
Owners, part owners, and managers	6,179	23.9	94.5	94.9	94.4	368	1,488,548	9.37	2.55	4,394	11.1	94.8	95.0	94.3	2,768	723,623	9.77
Cash tenants	110	27.9	1.7	1.0	1.2	303	14,815	7.43	2.45	65	10.8	1.4	0.9	1.0	2,506	7,630	9.91
All share tenants	135	26.4	2.1	2.7	3.0	326	42,880	8.41	2.58	90	12.6	1.9	2.6	3.1	2,263	19,935	8.19
Other tenants	115	18.1	1.8	1.4	1.4	364	20,930	8.91	2.45	85	9.6	1.8	1.6	1.6	2,718	9,345	7.54
Area 3	2,069	47.3	100.0	100.0	100.0	360	844,823	9.65	2.68	1,031	9.4	100.0	100.0	100.0	2,510	106,942	6.13
Owners, part owners, and managers	1,904	46.1	92.0	88.5	88.9	358	744,328	9.56	2.67	921	9.4	89.3	89.2	91.4	2,450	95,677	6.00
Cash tenants	45	59.3	2.2	4.0	2.9	490	35,550	13.86	2.83	35	9.0	3.4	3.0	2.2	3,333	3,545	9.09
All share tenants	85	57.7	4.1	5.6	6.0	334	45,150	8.62	2.58	55	7.3	5.3	4.1	3.8	2,712	4,435	6.72
Other tenants	35	67.8	1.7	2.0	2.1	337	19,795	10.59	3.14	20	16.5	1.9	3.8	2.6	3,626	3,285	7.22

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Pennsylvania—Continued																	
Area 4a	3,557	38.2	100.0	100.0	100.0	308	1,022,001	8.14	2.64	2,221	12.1	100.0	100.0	100.0	2,677	289,620	7.30
Owners, part owners, and managers	3,412	38.5	95.9	96.5	96.4	308	983,871	8.13	2.64	2,146	12.0	96.6	95.8	95.2	2,696	279,805	7.42
Cash tenants	35	31.4	1.0	0.7	0.8	265	8,235	7.73	2.92	15	6.8	0.7	0.6	0.6	2,957	1,325	5.76
All share tenants	70	34.5	2.0	2.2	2.1	321	23,315	8.83	2.75	40	14.7	1.8	2.3	2.8	2,124	5,640	5.01
Other tenants	40	26.3	1.1	0.6	0.6	288	6,580	8.17	2.84	20	18.3	0.9	1.3	1.4	2,429	2,850	5.09
Area D	4,002	26.4	100.0	100.0	100.0	323	932,610	8.33	2.58	2,613	9.6	100.0	100.0	100.0	2,910	342,330	8.43
Owners, part owners, and managers	3,657	27.0	91.4	93.1	92.5	325	870,040	8.40	2.58	2,433	9.8	93.1	92.4	92.2	2,914	316,485	8.45
Cash tenants	170	19.9	4.2	3.4	3.4	323	32,970	8.71	2.69	95	8.4	3.6	5.1	3.9	3,738	15,040	9.40
All share tenants	65	18.7	1.6	1.4	1.5	293	11,160	6.66	2.28	40	11.1	1.5	1.5	2.4	1,769	6,595	6.63
Other tenants	110	25.7	2.7	2.1	2.6	263	18,440	6.36	2.42	45	5.0	1.7	1.1	1.4	2,281	4,210	7.39
Areas 4b and E	3,501	35.5	100.0	100.0	100.0	367	1,215,095	9.41	2.56	1,867	10.1	100.0	100.0	100.0	2,707	275,070	7.51
Owners, part owners, and managers	3,321	35.6	94.9	93.8	94.0	366	1,135,560	9.36	2.55	1,782	10.1	95.4	93.8	94.4	2,693	256,355	7.42
Cash tenants	85	47.3	2.4	4.0	2.9	504	50,580	13.58	2.70	25	7.2	1.3	1.4	1.6	2,404	4,425	7.76
All share tenants	45	28.7	1.3	0.9	1.6	216	12,220	6.05	2.80	35	14.4	1.9	2.8	2.8	2,778	8,240	8.12
Other tenants	50	26.5	1.4	1.3	1.5	305	16,735	8.39	2.75	25	6.4	1.3	1.9	1.3	3,979	6,050	12.60
Areas 5 and F	7,932	49.2	100.0	100.0	100.0	297	2,875,002	7.48	2.52	2,915	6.9	100.0	100.0	100.0	2,955	442,730	8.23
Owners, part owners, and managers	6,820	48.4	86.0	84.4	82.7	303	2,424,830	7.63	2.52	2,584	7.1	88.6	87.8	86.4	3,000	383,200	8.24
Cash tenants	262	50.9	3.3	3.3	3.3	299	102,947	8.21	2.75	91	11.6	3.1	4.4	5.3	2,430	17,055	5.95
All share tenants	670	54.2	8.4	10.0	11.5	259	282,380	6.40	2.47	210	4.8	7.2	7.0	7.3	2,836	38,220	9.77
Other tenants	180	53.7	2.3	2.3	2.6	258	64,845	6.51	2.53	30	2.8	1.0	0.9	1.0	2,667	4,255	8.10
Areas 6, C, and G	5,856	53.0	100.0	100.0	100.0	419	2,772,475	10.48	2.50	2,984	9.7	100.0	100.0	100.0	2,333	353,281	7.29
Owners, part owners, and managers	5,495	52.3	93.8	93.6	92.5	424	2,593,020	10.60	2.50	2,804	9.9	94.0	94.1	95.1	2,308	334,261	7.26
Cash tenants	95	57.6	1.6	1.6	1.6	428	44,430	10.82	2.53	65	11.2	2.2	1.8	1.6	2,616	6,190	7.79
All share tenants	165	63.4	2.8	3.3	4.2	332	95,120	8.54	2.57	65	6.8	2.2	3.1	2.5	2,908	9,025	7.52
Other tenants	101	66.6	1.7	1.5	1.8	360	39,905	8.54	2.37	50	5.4	1.7	1.0	0.8	2,895	3,805	10.01
Areas 7 and H	7,330	57.3	100.0	100.0	100.0	332	3,584,540	8.65	2.61	2,510	7.5	100.0	100.0	100.0	2,904	339,416	6.27
Owners, part owners, and managers	6,005	56.3	81.9	80.8	78.7	341	2,969,305	9.11	2.67	2,145	7.9	85.5	84.6	84.4	2,913	289,396	6.34
Cash tenants	155	56.2	2.1	2.1	2.0	356	71,145	8.70	2.44	50	5.6	2.0	1.5	1.5	2,939	4,705	5.74
All share tenants	975	63.7	13.3	14.7	16.9	289	468,710	6.68	2.31	250	5.6	10.0	11.4	11.3	2,919	36,720	5.99
Other tenants	195	51.4	2.7	2.3	2.4	324	75,380	7.72	2.38	65	7.9	2.6	2.4	2.8	2,540	8,595	5.73
Areas J and K	9,287	61.6	100.0	100.0	100.0	468	4,535,502	11.64	2.48	3,089	7.3	100.0	100.0	100.0	2,365	335,494	7.29
Owners, part owners, and managers	7,091	60.7	76.4	72.9	71.6	477	3,324,867	11.92	2.50	2,424	7.9	78.5	80.2	78.4	2,422	258,899	7.18
Cash tenants	375	67.6	4.0	4.3	4.3	470	196,205	11.80	2.51	155	8.6	5.0	4.4	4.6	2,266	14,380	6.83
All share tenants	1,601	63.0	17.2	20.4	21.5	445	905,180	10.83	2.43	440	5.2	14.2	13.8	15.0	2,170	56,325	8.16
Other tenants	220	66.0	2.4	2.4	2.7	420	109,250	10.39	2.47	70	6.0	2.3	1.6	2.1	1,864	5,890	6.17
Areas L, M, and N	9,763	56.9	100.0	100.0	100.0	458	6,403,244	12.05	2.63	3,534	8.1	100.0	100.0	100.0	2,279	490,684	6.49
Owners, part owners, and managers	8,263	56.8	84.6	84.9	82.2	473	5,454,034	12.48	2.64	3,038	8.5	86.0	87.4	86.4	2,305	424,361	6.50
Cash tenants	580	59.6	5.9	6.2	7.3	389	398,970	10.22	2.63	205	7.3	5.8	5.5	6.3	2,000	30,610	6.43
All share tenants	665	58.4	6.8	7.1	8.3	389	436,490	9.90	2.54	200	4.8	5.7	4.5	4.8	2,140	23,090	6.33
Other tenants	255	47.0	2.6	1.9	2.2	394	113,750	9.92	2.52	91	7.6	2.6	2.5	2.5	2,342	12,623	6.80
Rhode Island, total (Areas 1 and A)	566	33.6	100.0	100.0	100.0	748	307,311	20.82	2.78	192	6.4	100.0	100.0	100.0	2,045	25,981	9.17
Owners, part owners, and managers	521	33.1	92.0	90.8	92.4	735	280,851	20.59	2.80	187	6.8	97.4	97.2	98.6	2,017	25,181	9.02
Cash tenants	45	40.7	8.0	9.2	7.6	907	26,460	23.62	2.60	5	1.5	2.6	2.8	1.4	4,000	800	20.00
All share tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Carolina, total	70,143	71.1	100.0	100.0	100.0	491	31,848,807	11.41	2.32	4,348	3.2	100.0	100.0	100.0	1,744	606,180	4.86
Owners, part owners, and managers	33,948	66.6	48.4	65.3	67.9	471	20,822,301	10.98	2.33	3,351	3.9	77.1	89.6	90.2	1,732	536,482	4.77
Cash tenants	3,240	76.6	4.6	3.6	4.1	435	1,182,300	10.44	2.40	151	1.7	3.5	2.3	2.0	2,036	13,810	5.57
All share tenants	12,502	81.2	17.8	13.2	11.9	544	4,231,495	12.75	2.34	317	0.9	7.3	2.9	2.9	1,738	20,426	5.57
Croppers	18,512	90.1	26.4	16.1	14.1	559	5,008,365	12.70	2.27	435	1.0	10.0	3.7	3.5	1,867	26,435	6.08
Other tenants	1,941	69.5	2.8	1.9	2.0	457	604,346	10.88	2.38	94	2.1	2.2	1.4	1.3	1,784	9,027	5.42
Area 1	1,533	62.9	100.0	100.0	100.0	413	562,822	10.44	2.52	247	8.4	100.0	100.0	100.0	1,821	35,238	4.90
Owners, part owners, and managers	912	59.2	59.5	66.7	68.8	401	375,572	10.12	2.53	217	10.7	87.9	91.4	93.5	1,779	32,203	4.79
Cash tenants	55	84.4	3.6	5.4	3.3	669	32,835	18.39	2.75	5	4.3	2.0	3.1	1.3	4,444	1,200	13.33
All share tenants	271	68.0	17.7	14.7	16.6	366	82,535	9.21	2.51	10	1.1	4.0	1.4	1.9	1,286	480	3.43
Croppers	275	80.2	17.9	12.5	10.5	490	67,505	11.88	2.43	15	3.3	6.1	4.2	3.3	2,340	1,355	5.77
Other tenants	20	69.4	1.3	0.8	0.7	442	4,375	11.36	2.57	...	...	...	...	...	...	...	...
Area 2	7,781	67.0	100.0	100.0	100.0	416	3,329,322	9.49	2.28	963	6.1	100.0	100.0	100.0	1,603	136,480	4.27
Owners, part owners, and managers	4,312	64.1	55.4	74.2	75.6	408	2,485,448	9.37	2.29	756	6.9	78.5	87.7	89.8	1,564	118,604	4.13
Cash tenants	195	67.5	2.5	1.8	1.8	409	57,970	9.19	2.25	10	2.1	1.0	0.8	0.6	2,000	850	4.25
All share tenants	828	69.6	10.6	7.1	7.0	422	236,804	9.60	2.28	47	3.0	4.9	4.7	3.4	2,223	6,391	5.95
Croppers	2,246	87.2	28.9	15.4	13.9	462	491,290	10.08	2.18	105	2.0	10.9	4.2	3.5	1,912	6,530	5.75
Other tenants	200	62.7	2.6	1.4	1.7	356	57,810	9.72	2.73	45	8.9	4.7	2.7	2.6	1,631	4,105	4.89

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
			Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)					Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used	Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
South Carolina—Continued																	
Area 3	4,696	60.4	100.0	100.0	100.0	411	1,683,717	9.00	2.19	313	3.4	100.0	100.0	100.0	1,885	50,898	4.81
Owners, part owners, and managers	2,155	56.0	45.9	65.0	68.8	388	1,101,881	8.56	2.21	283	4.4	90.4	96.1	94.9	1,911	49,688	4.95
Cash tenants	90	63.7	1.9	1.0	1.1	384	17,130	8.24	2.15	5	3.4	1.6	2.0	1.0	3,636	250	2.27
All share tenants	566	59.2	12.1	9.3	9.1	418	156,786	9.17	2.20	20	1.4	6.4	1.8	3.8	864	760	1.88
Croppers	1,750	86.2	37.3	27.2	19.6	486	381,880	10.42	2.15	5	0.1	1.6	0.1	0.3	667	200	6.67
Other tenants	135	47.9	2.9	1.6	1.4	455	26,040	9.79	2.15	...	...	...	...	...	...	...	...
Area 4	4,211	60.8	100.0	100.0	100.0	401	1,650,875	9.08	2.26	526	4.6	100.0	100.0	100.0	1,756	59,464	4.31
Owners, part owners, and managers	2,299	57.2	54.6	74.7	76.9	390	1,242,475	8.89	2.28	444	5.4	84.4	94.4	94.8	1,749	55,599	4.25
Cash tenants	160	57.3	3.8	2.2	2.4	370	36,625	8.52	2.30	...	...	...	...	...	...	...	...
All share tenants	525	76.4	12.5	7.1	7.0	408	114,665	9.05	2.22	20	1.3	3.8	1.6	1.6	1,814	940	4.37
Croppers	1,125	83.1	26.7	14.5	12.0	485	231,820	10.59	2.18	50	1.4	9.5	2.7	2.6	1,808	2,180	5.97
Other tenants	102	74.2	2.4	1.5	1.7	346	25,290	8.03	2.32	12	3.3	2.3	1.3	1.0	2,214	745	5.32
Areas 5, A, and B	5,946	66.3	100.0	100.0	100.0	446	3,035,102	9.95	2.23	372	2.3	100.0	100.0	100.0	1,966	60,523	5.61
Owners, part owners, and managers	3,542	61.6	59.6	70.8	72.0	438	2,134,947	9.72	2.22	227	2.4	61.0	79.3	79.6	1,960	46,128	5.38
Cash tenants	326	71.7	5.5	3.9	4.3	400	134,740	10.30	2.57	15	1.8	4.0	3.0	3.0	2,000	2,110	6.59
All share tenants	676	83.5	11.4	9.0	8.2	488	274,645	10.92	2.24	40	1.9	10.8	5.4	5.4	1,966	3,775	6.45
Croppers	1,240	90.7	20.9	14.5	13.2	489	434,670	10.80	2.21	85	2.7	22.8	11.5	11.3	2,000	8,015	6.57
Other tenants	162	64.8	2.7	1.9	2.3	375	56,100	8.16	2.17	5	0.7	1.3	0.7	0.7	2,000	495	6.60
Area 6	19,707	77.3	100.0	100.0	100.0	473	11,127,699	10.70	2.26	912	2.5	100.0	100.0	100.0	1,780	176,144	5.15
Owners, part owners, and managers	8,459	73.5	42.9	67.3	68.6	464	7,543,403	10.57	2.28	660	3.2	72.4	90.8	90.6	1,785	157,757	5.10
Cash tenants	1,717	81.3	8.7	5.7	6.5	413	644,875	9.58	2.32	76	1.6	8.3	4.1	3.9	1,851	7,590	5.64
All share tenants	3,335	86.7	16.9	10.3	9.7	504	1,129,500	11.23	2.23	60	0.5	6.6	1.5	1.6	1,774	3,130	5.91
Croppers	5,561	93.1	28.2	14.7	13.0	534	1,587,490	11.73	2.20	95	0.7	10.4	2.4	2.8	1,515	5,215	5.38
Other tenants	635	75.3	3.2	2.0	2.2	433	222,431	9.65	2.23	21	1.2	2.3	1.1	1.1	1,866	2,452	6.59
Area 7	21,478	80.0	100.0	100.0	100.0	641	7,865,960	16.32	2.54	763	1.5	100.0	100.0	100.0	1,473	41,635	4.76
Owners, part owners, and managers	8,337	73.4	38.8	43.6	45.9	608	3,583,490	16.18	2.66	528	2.4	69.2	81.5	83.1	1,446	32,285	4.44
Cash tenants	541	72.8	2.5	2.6	3.0	552	213,340	14.61	2.65	35	1.9	4.6	4.8	4.3	1,632	1,460	3.84
All share tenants	6,035	85.8	28.1	28.7	28.3	650	2,166,115	15.87	2.44	115	0.4	15.1	7.3	7.8	1,372	4,890	7.14
Croppers	6,045	91.2	28.1	23.1	20.7	715	1,733,935	17.36	2.43	80	0.4	10.5	6.3	4.5	2,051	2,940	7.44
Other tenants	520	77.2	2.4	2.0	2.0	654	169,080	17.57	2.69	5	0.2	0.7	0.1	0.2	500	60	3.00
Areas 8 and C	4,791	64.4	100.0	100.0	100.0	602	2,593,310	13.56	2.25	252	2.5	100.0	100.0	100.0	1,882	45,798	6.18
Owners, part owners, and managers	3,932	63.5	82.1	91.0	89.6	612	2,355,085	13.75	2.25	236	2.6	93.7	95.9	96.2	1,877	44,218	6.21
Cash tenants	156	82.6	3.3	1.8	2.0	533	44,785	11.63	2.18	5	0.8	2.0	0.7	0.5	2,857	350	10.00
All share tenants	266	66.3	5.6	2.6	3.3	481	70,445	11.25	2.34	5	0.3	2.0	0.2	0.4	1,000	60	2.00
Croppers	270	90.7	5.6	2.9	3.1	560	79,775	13.36	2.39	...	...	...	...	...	...	...	...
Other tenants	167	59.8	3.5	1.7	2.0	509	43,220	11.21	2.20	6	3.4	2.4	3.2	3.0	2,000	1,170	5.32
South Dakota, total	10,359	2.8	100.0	100.0	100.0	140	3,191,349	5.83	4.18	111	(Z)	100.0	100.0	100.0	1,371	2,631	2.99
Owners, part owners, and managers	7,338	2.7	70.8	72.2	71.8	140	2,300,514	5.86	4.17	91	(Z)	82.0	94.2	90.9	1,421	2,296	2.87
Cash tenants	98	2.4	0.9	1.0	1.0	145	30,101	5.55	3.83	...	...	...	...	...	...	...	...
All share tenants	2,816	3.2	27.2	26.0	26.4	137	837,504	5.79	4.22	20	(Z)	18.0	5.8	9.1	875	335	4.19
Other tenants	107	2.6	1.0	0.8	0.8	137	23,230	5.40	3.95	...	...	...	...	...	...	...	...
Area 1	372	0.4	100.0	100.0	100.0	181	137,779	8.12	4.48	2	(Z)	100.0	100.0	100.0	2,667	58	6.44
Owners, part owners, and managers	288	0.4	77.4	70.4	79.3	161	97,882	7.28	4.52	2	(Z)	100.0	100.0	100.0	2,667	58	6.44
Cash tenants	6	0.2	1.6	1.5	1.1	242	1,755	9.24	3.82	...	...	...	...	...	...	...	...
All share tenants	78	0.8	21.0	28.1	19.6	259	38,142	11.45	4.41	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2s	209	0.4	100.0	100.0	100.0	76	53,028	3.60	4.74	3	(Z)	100.0	100.0	100.0	1,355	220	3.55
Owners, part owners, and managers	174	0.5	83.3	90.2	85.1	80	48,432	3.86	4.80	3	(Z)	100.0	100.0	100.0	1,355	220	3.55
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	29	0.3	13.9	7.5	11.5	50	3,676	2.17	4.38	...	...	...	...	...	...	...	...
Other tenants	6	1.7	2.9	2.3	3.4	52	920	1.84	3.54	...	...	...	...	...	...	...	...
Area 2b	845	1.6	100.0	100.0	100.0	112	249,817	4.70	4.19	16	(Z)	100.0	100.0	100.0	1,024	423	2.06
Owners, part owners, and managers	721	1.9	85.3	89.5	87.2	115	220,471	4.75	4.13	16	(Z)	100.0	100.0	100.0	1,024	423	2.06
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	124	0.9	14.7	10.5	12.8	92	29,346	4.33	4.69	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 3s	400	1.2	100.0	100.0	100.0	87	81,143	4.03	4.64	...	...	...	...	...	...	...	...
Owners, part owners, and managers	312	1.3	78.0	84.9	80.4	92	68,085	4.21	4.59	...	...	...	...	...	...	...	...
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	82	1.1	20.5	14.2	18.8	66	12,218	3.23	4.93	...	...	...	...	...	...	...	...
Other tenants	6	2.0	1.5	0.9	0.8	103	840	5.42	5.25	...	...	...	...	...	...	...	...
Area 3b	1,677	3.2	100.0	100.0	100.0	132	470,677	6.03	4.57	35	(Z)	100.0	100.0	100.0	2,256	695	3.56
Owners, part owners, and managers	1,247	3.5	74.4	79.9	75.9	139	368,487	6.22	4.48	25	(Z)	71.4	95.5	92.3	2,333	545	3.03
Cash tenants	1	0.4	0.1	0.1	0.1	100	400	5.00	5.00	...	...	...	...	...	...	...	...
All share tenants	424	2.4	25.3	19.8	23.9	109	100,695	5.40	4.94	10	(Z)	28.6	4.5	7.7	1,333	150	10.00
Other tenants	5	1.0	0.3	0.2	0.1	240	1,095	10.95	4.56	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
South Dakota—Continued																	
Area 4a	2,280	4.5	100.0	100.0	100.0	135	558,877	5.11	3.78	15	(Z)	100.0	100.0	100.0	400	195	1.30
Owners, part owners, and managers	1,706	5.0	74.8	75.5	75.7	135	422,766	5.11	3.79	10	(Z)	66.7	50.0	70.0	286	120	1.14
Cash tenants	11	1.5	0.5	0.5	0.3	189	2,496	6.93	3.67	...	...	...	...	...	...	...	...
All share tenants	558	3.7	24.5	23.9	23.9	136	133,135	5.11	3.77	5	(Z)	33.3	50.0	30.0	667	75	1.67
Other tenants	5	0.7	0.2	0.1	0.1	67	480	3.20	4.80	...	...	...	...	...	...	...	...
Area 4b	4,576	11.3	100.0	100.0	100.0	155	1,640,028	6.43	4.16	40	(Z)	100.0	100.0	100.0	1,500	1,040	4.00
Owners, part owners, and managers	2,890	12.5	63.2	65.4	63.7	159	1,074,391	6.62	4.17	35	(Z)	87.5	94.9	92.3	1,542	930	3.88
Cash tenants	80	15.1	1.7	1.7	1.9	139	25,450	5.31	3.83	...	...	...	...	...	...	...	...
All share tenants	1,521	9.5	33.2	31.6	33.1	148	520,292	6.17	4.18	5	(Z)	12.5	5.1	7.7	1,000	110	5.50
Other tenants	85	7.3	1.9	1.3	1.3	151	19,895	5.86	3.89	...	...	...	...	...	...	...	...
Tennessee, total	107,945	36.9	100.0	100.0	100.0	327	23,737,892	8.31	2.55	8,153	1.6	100.0	100.0	100.0	3,267	667,035	5.32
Owners, part owners, and managers	72,698	34.9	67.3	73.5	72.7	330	17,167,877	8.27	2.50	7,343	1.9	90.1	88.3	90.8	3,174	593,141	5.20
Cash tenants	1,046	34.5	1.0	1.1	1.1	313	285,217	8.89	2.84	45	0.7	0.6	0.5	0.5	2,932	2,840	4.27
All share tenants	15,204	39.9	14.1	12.8	13.8	303	3,157,651	8.03	2.65	478	0.7	5.9	5.6	5.6	3,305	47,849	6.83
Croppers	16,615	53.9	15.4	10.7	10.3	339	2,626,585	8.92	2.63	206	0.5	2.5	2.2	2.0	3,636	14,475	5.80
Other tenants	2,382	39.0	2.2	1.9	2.1	302	500,562	8.47	2.81	81	0.9	1.0	1.2	1.1	3,685	8,730	6.54
Areas 1 and A	29,846	39.3	100.0	100.0	100.0	312	7,283,419	9.23	2.96	921	1.1	100.0	100.0	100.0	2,614	141,885	6.46
Owners, part owners, and managers	11,223	33.9	37.6	54.1	52.9	319	3,938,352	9.44	2.96	707	1.5	76.8	82.9	85.3	2,540	118,881	6.34
Cash tenants	504	37.6	1.7	2.2	2.1	324	167,702	9.90	3.05	5	0.2	0.5	0.5	0.3	4,000	750	10.00
All share tenants	7,541	41.2	25.3	22.1	22.7	304	1,608,060	8.96	2.95	137	0.5	14.9	11.5	10.0	3,012	16,749	7.64
Croppers	9,551	64.8	32.0	18.6	19.4	300	1,335,400	8.74	2.91	46	0.1	5.0	1.6	1.5	2,760	1,950	5.93
Other tenants	1,027	36.4	3.4	2.9	2.9	316	233,905	10.34	3.28	26	1.0	2.8	3.5	2.8	3,216	3,555	5.69
Area 2	11,733	41.7	100.0	100.0	100.0	285	2,628,384	7.39	2.59	762	1.5	100.0	100.0	100.0	2,940	73,961	5.74
Owners, part owners, and managers	8,255	39.5	70.4	71.9	72.4	283	1,893,864	7.36	2.60	667	1.8	87.5	87.7	88.6	2,911	65,431	5.73
Cash tenants	90	29.6	0.8	0.5	0.5	260	13,780	7.63	2.93	...	...	...	...	...	...	...	...
All share tenants	2,028	46.3	17.3	17.2	17.5	281	458,200	7.37	2.62	60	0.6	7.9	8.1	6.6	3,602	5,755	6.73
Croppers	1,100	63.3	9.4	8.6	7.5	328	215,680	8.13	2.48	25	1.2	3.3	3.4	3.9	2,574	2,425	4.80
Other tenants	260	42.0	2.2	1.8	2.1	243	46,860	6.13	2.52	10	0.6	1.3	0.7	0.9	2,435	350	3.04
Area 3	5,791	42.1	100.0	100.0	100.0	282	1,334,438	6.56	2.33	569	1.5	100.0	100.0	100.0	3,150	35,633	5.04
Owners, part owners, and managers	4,574	40.6	79.0	82.5	81.3	286	1,105,115	6.68	2.34	548	1.6	96.3	94.4	89.8	3,313	33,868	5.33
Cash tenants	20	49.2	0.3	0.2	0.3	208	2,660	4.26	2.05	5	19.3	0.9	0.3	3.5	245	175	0.71
All share tenants	685	48.7	11.8	10.7	11.6	261	140,788	5.98	2.30	1	0.2	0.2	0.9	1.1	2,500	450	5.62
Croppers	331	49.7	5.7	4.3	4.1	298	55,550	6.68	2.24	15	2.4	2.6	4.4	5.7	2,475	1,140	2.85
Other tenants	181	54.9	3.1	2.3	2.7	235	30,325	5.45	2.32	...	...	...	...	...	...	...	...
Area 4	6,430	37.5	100.0	100.0	100.0	403	1,918,342	10.14	2.51	482	1.6	100.0	100.0	100.0	3,556	40,331	5.10
Owners, part owners, and managers	4,444	35.5	69.1	71.2	73.2	392	1,367,745	9.87	2.52	432	1.8	89.6	89.8	88.6	3,604	36,156	5.16
Cash tenants	20	22.4	0.3	0.3	0.3	333	5,555	8.82	2.65	5	2.8	1.0	1.3	1.0	4,625	205	2.56
All share tenants	625	37.1	9.7	10.2	10.9	376	189,660	9.18	2.44	35	1.3	7.3	7.6	9.3	2,912	3,460	4.71
Croppers	1,245	51.6	19.4	16.8	13.3	507	325,990	12.91	2.55	10	0.2	2.1	1.3	1.1	4,235	510	6.00
Other tenants	96	67.2	1.5	1.5	2.2	283	29,392	7.13	2.52	...	...	...	...	...	...	...	...
Areas 5 and B	13,505	26.7	100.0	100.0	100.0	267	2,373,357	6.44	2.41	982	1.5	100.0	100.0	100.0	2,549	79,443	3.80
Owners, part owners, and managers	9,717	25.9	72.0	75.3	76.4	264	1,811,272	6.44	2.44	847	1.7	86.3	87.9	90.9	2,463	66,733	3.51
Cash tenants	222	26.1	1.6	1.3	1.5	232	29,700	5.44	2.34	10	0.7	1.0	1.3	0.7	4,828	1,150	7.93
All share tenants	1,771	27.9	13.1	12.8	12.3	277	286,815	6.31	2.28	95	0.9	9.7	8.5	7.1	3,037	10,025	6.75
Croppers	1,590	34.5	11.8	9.1	8.1	303	201,580	6.79	2.24	20	0.2	2.0	1.1	0.7	4,286	710	5.07
Other tenants	205	29.6	1.5	1.5	1.8	228	43,990	6.81	2.99	10	0.5	1.0	1.2	0.6	5,333	825	6.88
Area 6	11,287	39.9	100.0	100.0	100.0	331	2,473,421	7.80	2.36	1,284	2.0	100.0	100.0	100.0	3,665	84,201	5.25
Owners, part owners, and managers	9,390	39.5	83.2	85.6	85.1	332	2,107,036	7.81	2.35	1,184	2.2	92.2	91.5	92.4	3,629	75,581	5.10
Cash tenants	95	47.1	0.8	1.6	1.0	530	47,475	15.17	2.86	15	1.4	1.2	0.6	0.6	3,778	450	5.00
All share tenants	1,062	40.9	9.4	7.9	8.4	311	192,030	7.22	2.32	35	0.6	2.7	2.3	2.3	3,671	2,840	7.78
Croppers	620	46.3	5.5	4.3	4.7	306	110,155	7.47	2.44	35	1.7	2.7	4.1	3.4	4,463	3,145	5.82
Other tenants	120	34.9	1.1	0.6	0.9	246	16,725	6.13	2.49	15	2.9	1.2	1.6	1.4	4,043	2,185	9.50
Area 7	1,883	40.5	100.0	100.0	100.0	368	696,887	9.61	2.61	362	2.9	100.0	100.0	100.0	4,772	33,088	6.42
Owners, part owners, and managers	1,751	40.4	93.0	94.9	94.3	370	664,277	9.72	2.63	357	3.0	98.6	99.6	99.5	4,776	32,988	6.43
Cash tenants	5	7.5	0.3	0.1	0.2	218	450	4.09	1.88	...	...	...	...	...	...	...	...
All share tenants	45	47.3	2.4	2.0	2.9	256	13,335	6.33	2.48	5	0.6	1.4	0.4	0.5	4,000	100	4.00
Croppers	46	54.1	2.4	2.1	1.7	460	12,675	10.57	2.30	...	...	...	...	...	...	...	...
Other tenants	36	39.2	1.9	1.0	1.0	337	6,150	8.17	2.42	...	...	...	...	...	...	...	...
Areas 8a, C, and D	9,334	37.2	100.0	100.0	100.0	362	2,077,965	8.09	2.24	1,257	2.7	100.0	100.0	100.0	3,425	94,875	5.08
Owners, part owners, and managers	8,175	36.5	87.6	88.1	87.0	366	1,838,965	8.23	2.25	1,182	2.9	94.0	92.4	94.6	3,349	87,250	4.94
Cash tenants	60	45.8	0.6	0.7	1.2	208	13,815	4.68	2.24	5	0.5	0.4	0.3	0.2	6,000	110	3.67
All share tenants	526	47.8	5.6	5.6	6.6	304	112,205	6.60	2.17	45	2.0	3.6	5.4	3.8	4,922	5,370	7.62
Croppers	377	32.8	4.0	3.4	3.2	384	67,105	8.28	2.16	10	0.4	0.8	0.7	0.5	4,421	930	9.79
Other tenants	196	46.4	2.1	2.3	2.1	403	45,875	8.67	2.15	15	1.6	1.2	1.2	1.0	4,108	1,215	6.57
Area 8b	18,136	36.1	100.0	100.0	100.0	424	2,951,679	9.72	2.29	1,534	1.8	100.0	100.0	100.0	3,663	83,618	5.61
Owners, part owners, and managers	15,169	35.1	83.6	83.4	84.0	421	2,441,251	9.57	2.27	1,419	1.9	92.5	92.5	93.2	3,638	76,253	5.49
Cash tenants	30	19.2	0.2	0.1	0.1	409	4,080	9.49	2.32	...	...	...	...	...	...	...	...
All share tenants	921	38.6	5.1	5.2	5.4	405	156,558	9.52	2.35	65	1.3	4.2	3.1	3.8	3,036	3,100	5.54
Croppers	1,755	48.2	9.7	9.9	9.2	457	302,450	10.83	2.37	45	0.7	2.9	3.8	2.7	5,200	3,665	9.16
Other tenants	261	32.9	1.4	1.4	1.3	465	47,340	12.06	2.60	5	0.5	0.3	0.5	0.4	5,000	600	10.00

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Texas, total	63,215	11.2	100.0	100.0	100.0	213	28,593,660	6.82	3.21	1,236	0.1	100.0	100.0	100.0	1,818	209,048	4.88
Owners, part owners, and managers	48,834	12.2	77.3	80.9	78.9	218	22,921,893	6.93	3.18	1,117	0.1	90.4	94.4	91.8	1,870	197,052	5.01
Cash tenants	2,018	13.5	3.2	3.3	3.2	219	961,253	7.19	3.29	25	0.1	2.0	0.6	1.9	579	1,595	2.01
All share tenants	9,502	7.3	15.0	12.4	14.5	182	3,808,742	6.25	3.44	77	(Z)	6.2	3.3	3.9	1,506	5,877	3.50
Croppers	1,577	11.6	2.5	1.6	1.7	207	399,545	5.61	2.72	1	(Z)	0.1	0.5	0.5	1,681	2,250	9.96
Other tenants	1,284	13.6	2.0	1.8	1.7	224	502,227	7.01	3.13	16	0.2	1.3	1.2	1.9	1,193	2,274	2.82
Areas 1a and A	843	33.8	100.0	100.0	100.0	308	2,307,190	15.21	4.93	6	0.1	100.0	100.0	100.0	3,931	5,400	9.31
Owners, part owners, and managers	692	32.6	82.1	84.6	84.8	308	1,954,850	15.19	4.94	6	0.1	100.0	100.0	100.0	3,931	5,400	9.31
Cash tenants	10	25.2	1.2	1.1	1.2	304	20,570	11.79	3.88	...	...	...	...	...	...	...	...
All share tenants	126	45.9	14.9	14.2	13.6	321	327,785	15.87	4.95	...	...	...	...	...	...	...	...
Croppers	15	50.2	1.8	0.1	0.4	83	3,985	6.38	7.66	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 1b	156	1.2	100.0	100.0	100.0	184	67,548	5.72	3.10	1	(Z)	100.0	100.0	100.0	2,000	750	6.00
Owners, part owners, and managers	137	1.3	87.8	91.9	93.2	182	61,932	5.63	3.10	1	(Z)	100.0	100.0	100.0	2,000	750	6.00
Cash tenants	11	0.2	7.1	2.6	2.7	176	1,409	4.43	2.52	...	...	...	...	...	...	...	...
All share tenants	7	2.9	4.5	4.4	3.5	232	3,007	7.28	3.13	...	...	...	...	...	...	...	...
Croppers	1	1.3	0.6	1.1	0.6	343	1,200	17.14	5.00	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2	1,558	5.2	100.0	100.0	100.0	151	338,190	4.83	3.19	6	(Z)	100.0	100.0	100.0	196	315	1.24
Owners, part owners, and managers	1,306	5.2	83.8	86.8	82.7	159	289,898	5.01	3.15	6	(Z)	100.0	100.0	100.0	196	315	1.24
Cash tenants	90	4.9	5.8	5.6	7.4	115	20,783	4.00	3.48	...	...	...	...	...	...	...	...
All share tenants	113	4.1	7.3	5.2	6.8	115	19,366	4.07	3.55	...	...	...	...	...	...	...	...
Croppers	25	6.1	1.6	1.1	1.4	124	3,312	3.48	2.81	...	...	...	...	...	...	...	...
Other tenants	24	9.0	1.5	1.3	1.8	110	4,831	3.92	3.55	...	...	...	...	...	...	...	...
Area 3	663	11.2	100.0	100.0	100.0	279	788,209	8.95	3.21	...	...	...	...	...	...	...	...
Owners, part owners, and managers	538	10.3	81.1	79.5	79.9	277	619,247	8.80	3.18	...	...	...	...	...	...	...	...
Cash tenants	49	14.8	7.4	8.3	9.2	252	62,798	7.79	3.09	...	...	...	...	...	...	...	...
All share tenants	54	15.4	8.1	5.6	7.6	205	55,314	8.29	4.05	...	...	...	...	...	...	...	...
Croppers	6	22.0	0.9	0.3	0.9	90	4,100	5.15	5.69	...	...	...	...	...	...	...	...
Other tenants	16	37.0	2.4	6.4	2.4	726	46,750	21.69	2.99	...	...	...	...	...	...	...	...
Area 4	2,281	5.0	100.0	100.0	100.0	164	2,084,644	6.78	4.15	6	(Z)	100.0	100.0	100.0	3,273	1,380	6.27
Owners, part owners, and managers	1,540	4.9	67.5	67.8	67.4	165	1,362,221	6.57	4.00	6	(Z)	100.0	100.0	100.0	3,273	1,380	6.27
Cash tenants	29	8.7	1.3	1.0	1.5	113	34,335	7.55	6.71	...	...	...	...	...	...	...	...
All share tenants	663	5.0	29.1	28.3	28.4	163	632,877	7.24	4.44	...	...	...	...	...	...	...	...
Croppers	32	7.8	1.4	2.0	1.4	230	40,626	9.15	3.98	...	...	...	...	...	...	...	...
Other tenants	17	6.8	0.7	0.8	1.2	111	14,585	3.98	3.57	...	...	...	...	...	...	...	...
Area 5	1,421	2.6	100.0	100.0	100.0	277	1,044,656	9.39	3.39	6	(Z)	100.0	100.0	100.0	2,000	300	6.00
Owners, part owners, and managers	929	3.0	65.4	71.7	66.3	300	716,182	9.72	3.24	1	(Z)	16.7	80.0	80.0	2,000	270	6.75
Cash tenants	15	3.4	1.1	0.5	0.7	191	4,325	5.51	2.88	...	...	...	...	...	...	...	...
All share tenants	432	1.8	30.4	25.5	29.1	243	288,184	8.90	3.67	5	(Z)	83.3	20.0	20.0	2,000	30	3.00
Croppers	35	10.1	2.5	1.9	3.4	151	29,965	7.96	5.26	...	...	...	...	...	...	...	...
Other tenants	10	1.5	0.7	0.4	0.5	200	6,000	10.00	5.00	...	...	...	...	...	...	...	...
Area 6a	1,340	2.0	100.0	100.0	100.0	120	386,340	3.62	3.00	...	...	...	...	...	...	...	...
Owners, part owners, and managers	965	2.1	72.0	75.2	70.2	129	295,485	3.94	3.06	...	...	...	...	...	...	...	...
Cash tenants	46	3.7	3.4	2.1	3.4	76	10,519	2.90	3.84	...	...	...	...	...	...	...	...
All share tenants	311	1.8	23.2	21.0	24.4	104	74,783	2.87	2.77	...	...	...	...	...	...	...	...
Croppers	6	0.4	0.4	0.5	0.2	256	1,002	4.01	1.57	...	...	...	...	...	...	...	...
Other tenants	12	2.9	0.9	1.2	1.8	80	4,551	2.34	2.92	...	...	...	...	...	...	...	...
Area 6b	479	3.9	100.0	100.0	100.0	148	124,520	3.92	2.65	1	0.1	100.0	100.0	100.0	2,143	2,587	3.70
Owners, part owners, and managers	387	4.1	80.8	86.7	87.3	147	109,540	3.96	2.69	1	0.1	100.0	100.0	100.0	2,143	2,587	3.70
Cash tenants	43	5.3	9.0	6.1	5.5	164	6,493	3.69	2.25	...	...	...	...	...	...	...	...
All share tenants	49	2.7	10.2	7.2	7.2	149	8,487	3.71	2.50	...	...	...	...	...	...	...	...
Croppers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 7a	3,537	21.8	100.0	100.0	100.0	138	781,990	3.55	2.57	25	(Z)	100.0	100.0	100.0	736	1,010	2.32
Owners, part owners, and managers	2,829	21.8	80.0	81.6	80.6	140	638,990	3.60	2.57	25	0.1	100.0	100.0	100.0	736	1,010	2.32
Cash tenants	109	7.7	3.1	2.2	2.1	141	16,305	3.51	2.49	...	...	...	...	...	...	...	...
All share tenants	528	31.9	14.9	14.7	16.0	127	114,145	3.23	2.55	...	...	...	...	...	...	...	...
Croppers	24	13.9	0.7	0.6	0.5	160	6,938	5.79	3.61	...	...	...	...	...	...	...	...
Other tenants	47	12.2	1.3	0.9	0.8	153	5,612	3.31	2.16	...	...	...	...	...	...	...	...
Areas 7b and B	1,626	10.7	100.0	100.0	100.0	168	384,967	4.85	2.89	31	0.1	100.0	100.0	100.0	1,704	2,665	4.81
Owners, part owners, and managers	1,242	12.4	76.4	82.9	82.3	169	317,807	4.87	2.88	31	0.1	100.0	100.0	100.0	1,704	2,665	4.81
Cash tenants	113	8.8	6.9	4.0	4.6	148	16,557	4.56	3.09	...	...	...	...	...	...	...	...
All share tenants	218	5.7	13.4	10.2	10.4	165	37,938	4.62	2.79	...	...	...	...	...	...	...	...
Croppers	27	9.1	1.7	1.5	1.7	143	6,350	4.67	3.27	...	...	...	...	...	...	...	...
Other tenants	26	8.3	1.6	1.4	1.1	221	6,315	7.43	3.36	...	...	...	...	...	...	...	...
Area 7c	730	4.4	100.0	100.0	100.0	124	116,081	3.84	3.09	5	(Z)	100.0	100.0	100.0	267	225	3.00
Owners, part owners, and managers	666	5.1	91.2	88.8	90.1	122	102,172	3.75	3.06	5	(Z)	100.0	100.0	100.0	267	225	3.00
Cash tenants	16	2.2	2.2	2.3	2.1	135	2,739	4.21	3.11	...	...	...	...	...	...	...	...
All share tenants	46	2.2	6.3	8.2	7.5	137	10,420	4.62	3.36	...	...	...	...	...	...	...	...
Croppers	2	0.8	0.3	0.6	0.3	289	750	9.04	3.12	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Texas—Continued																	
Areas 8, C, D, and E	9,369	9.5	100.0	100.0	100.0	187	2,291,227	4.91	2.63	173	0.1	100.0	100.0	100.0	1,235	20,554	3.53
Owners, part owners, and managers	6,638	11.2	70.9	76.1	75.0	190	1,750,264	5.00	2.64	137	0.1	79.2	77.2	80.1	1,191	17,264	3.70
Cash tenants	136	9.5	1.5	1.9	1.4	255	53,672	8.06	3.16	...	...	...	...	...	...	...	...
All share tenants	2,200	6.4	23.5	17.6	19.4	169	410,610	4.54	2.68	36	0.1	20.8	22.8	19.9	1,414	3,290	2.84
Croppers	267	6.3	2.8	3.2	2.8	219	50,514	3.92	1.79	...	...	...	...	...	...	...	...
Other tenants	128	6.9	1.4	1.2	1.5	148	26,167	3.82	2.59	...	...	...	...	...	...	...	...
Area 9	4,686	27.2	100.0	100.0	100.0	215	1,500,278	5.68	2.65	71	0.5	100.0	100.0	100.0	1,178	12,542	2.62
Owners, part owners, and managers	3,666	26.1	78.2	84.3	82.7	219	1,265,885	5.80	2.65	70	0.6	98.6	98.2	99.0	1,169	12,255	2.59
Cash tenants	126	30.4	2.7	1.7	1.9	185	28,150	5.53	2.98	...	...	...	...	...	. .	...	...
All share tenants	576	36.7	12.3	8.8	9.6	196	127,945	5.03	2.56	1	0.1	1.4	1.8	1.0	2,000	287	5.74
Croppers	187	24.4	4.0	2.9	2.6	237	45,358	6.52	2.75	...	...	...	...	...	...	...	...
Other tenants	131	47.3	2.8	2.3	3.1	161	32,940	4.02	2.50	...	...	...	...	...	...	...	...
Area 10	4,615	19.1	100.0	100.0	100.0	201	829,989	5.17	2.58	37	(Z)	100.0	100.0	100.0	937	1,492	3.78
Owners, part owners, and managers	3,661	19.7	79.3	76.2	77.9	196	623,892	4.99	2.54	32	0.1	86.5	97.3	97.5	935	1,432	3.72
Cash tenants	185	22.9	4.0	6.1	5.7	213	56,387	6.13	2.88	...	...	...	...	...	...	...	...
All share tenants	564	16.5	12.2	14.0	12.8	220	117,405	5.73	2.61	5	(Z)	13.5	2.7	2.5	1,000	60	6.00
Croppers	150	13.0	3.3	2.4	2.8	168	22,155	4.89	2.92	...	...	...	...	...	...	...	...
Other tenants	55	18.0	1.2	1.4	0.8	345	10,150	7.69	2.23	...	...	...	...	...	...	...	...
Areas 11 and F	3,670	10.8	100.0	100.0	100.0	147	1,125,579	4.42	3.00	11	(Z)	100.0	100.0	100.0	959	227	1.88
Owners, part owners, and managers	2,885	11.0	78.6	79.2	78.9	148	896,419	4.46	3.02	11	(Z)	100.0	100.0	100.0	959	227	1.88
Cash tenants	100	14.1	2.7	6.0	4.0	222	60,282	5.91	2.66	...	...	...	...	...	...	...	...
All share tenants	486	8.6	13.2	10.1	12.5	119	115,377	3.63	3.06	...	...	...	...	...	...	...	...
Croppers	125	14.8	3.4	3.2	3.0	160	32,705	4.31	2.70	...	...	...	...	...	...	...	...
Other tenants	74	12.6	2.0	1.5	1.6	133	20,796	5.06	3.81	...	...	...	...	...	...	...	...
Area 12	14,344	32.8	100.0	100.0	100.0	265	4,150,200	6.44	2.43	529	0.9	100.0	100.0	100.0	2,045	102,603	5.52
Owners, part owners, and managers	11,421	31.5	79.6	83.7	83.0	267	3,488,511	6.53	2.44	502	1.0	94.9	95.8	93.5	2,095	97,139	5.59
Cash tenants	614	41.1	4.3	4.8	3.9	332	191,423	7.71	2.32	10	0.5	1.9	0.8	1.5	1,088	1,045	3.67
All share tenants	1,394	40.2	9.7	6.4	8.1	207	267,684	5.11	2.47	10	0.1	1.9	0.3	0.4	1,467	425	5.67
Croppers	474	47.7	3.3	2.6	2.6	255	102,120	5.99	2.35	1	0.6	0.2	1.0	1.2	1,681	2,250	9.96
Other tenants	441	36.9	3.1	2.5	2.4	283	100,462	6.58	2.33	6	1.5	1.1	2.1	3.4	1,296	1,744	2.79
Area 13	2,509	28.5	100.0	100.0	100.0	249	602,220	6.62	2.66	171	1.1	100.0	100.0	100.0	2 152	19,486	5.67
Owners, part owners, and managers	2,135	28.1	85.1	87.8	87.0	251	532,834	6.73	2.68	161	1.2	94.2	98.6	98.0	2,167	19,181	5.69
Cash tenants	56	22.9	2.2	1.9	1.8	271	13,381	8.38	3.10	5	0.4	2.9	0.7	0.7	2,000	150	6.00
All share tenants	161	28.0	6.4	4.6	5.4	211	24,890	5.08	2.41	...	...	...	...	...	...	...	...
Croppers	65	59.8	2.6	1.8	2.7	165	12,040	4.85	2.94	...	...	...	...	...	...	...	...
Other tenants	92	31.1	3.7	3.9	3.2	305	19,075	6.61	2.17	5	0.5	2.9	0.7	1.3	1,111	155	3.44
Areas 14, C, and H	6,243	32.5	100.0	100.0	100.0	220	6,984,178	8.35	3.80	136	0.2	100.0	100.0	100.0	1,998	30,822	5.51
Owners, part owners, and managers	4,524	32.3	72.5	80.7	77.7	229	5,575,703	8.58	3.75	106	0.2	77.9	94.2	84.0	2,240	29,462	6.27
Cash tenants	258	46.9	4.1	4.2	4.8	194	338,735	8.44	4.34	10	0.6	7.4	0.9	8.7	206	400	0.82
All share tenants	1,206	32.7	19.3	13.1	15.5	186	940,087	7.27	3.91	15	0.1	11.0	4.0	4.9	1,636	585	2.13
Croppers	116	16.5	1.9	0.5	0.6	185	30,105	5.84	3.15	...	...	...	...	...	...	...	...
Other tenants	139	26.2	2.2	1.4	1.5	213	99,548	8.15	3.83	5	0.3	3.7	0.9	2.4	741	375	2.78
Area 15	3,145	24.2	100.0	100.0	100.0	263	2,685,654	10.01	3.81	21	0.1	100.0	100.0	100.0	1,610	6,690	6.37
Owners, part owners, and managers	2,673	24.7	85.0	87.7	85.5	269	2,320,061	10.11	3.75	16	0.1	76.2	88.2	90.5	1,568	5,490	5.78
Cash tenants	12	36.5	0.4	0.3	0.4	203	22,390	23.20	11.42	...	...	...	...	...	...	...	...
All share tenants	368	18.6	11.7	8.8	10.5	221	232,438	8.23	3.73	5	0.1	23.8	11.8	9.5	2,000	1,200	12.00
Croppers	20	32.7	0.6	0.3	0.4	218	6,320	6.26	2.87	...	...	...	...	...	...	...	...
Other tenants	72	36.3	2.3	2.9	3.2	240	104,445	12.13	5.06	...	...	...	...	...	...	...	...
Utah, total	5,650	7.4	100.0	100.0	100.0	258	1,514,992	9.45	3.66	41	(Z)	100.0	100.0	100.0	1,049	773	2.00
Owners, part owners, and managers	5,272	7.3	93.3	90.6	93.0	251	1,382,582	9.28	3.69	41	(Z)	100.0	100.0	100.0	1,049	773	2.00
Cash tenants	95	9.1	1.7	4.7	1.8	668	56,560	19.64	2.94	...	...	...	...	...	...	...	...
All share tenants	252	10.5	4.5	4.2	4.9	219	69,405	8.81	4.03	...	...	...	...	...	...	...	...
Other tenants	31	4.9	0.5	0.6	0.3	426	6,445	11.83	2.78	...	...	...	...	...	...	...	...
Area 1	2,094	7.1	100.0	100.0	100.0	219	569,955	8.52	3.89	11	(Z)	100.0	100.0	100.0	1,587	333	2.08
Owners, part owners, and managers	1,934	7.0	92.4	93.5	93.2	220	531,800	8.53	3.88	11	(Z)	100.0	100.0	100.0	1,587	333	2.08
Cash tenants	5	1.6	0.2	0.2	0.2	213	1,730	11.53	5.41	...	...	...	...	...	...	...	...
All share tenants	150	12.1	7.2	6.2	6.5	209	35,725	8.24	3.95	...	...	...	...	...	...	...	...
Other tenants	5	1.0	0.2	0.1	0.1	364	700	12.73	3.50	...	...	...	...	...	...	...	...
Areas 2 and A	2,154	15.3	100.0	100.0	100.0	307	562,692	11.11	3.62	25	(Z)	100.0	100.0	100.0	759	255	1.76
Owners, part owners, and managers	1,972	14.6	91.6	83.2	89.5	285	479,567	10.58	3.71	25	(Z)	100.0	100.0	100.0	759	255	1.76
Cash tenants	90	29.9	4.2	12.2	5.4	693	54,830	20.08	2.90	...	...	...	...	...	...	...	...
All share tenants	72	22.3	3.3	3.8	4.6	256	24,370	10.44	4.08	...	...	...	...	...	...	...	...
Other tenants	20	9.0	0.9	0.7	0.5	422	3,925	14.27	3.38	...	...	...	...	...	...	...	...
Area 3	1,402	4.8	100.0	100.0	100.0	260	382,345	8.94	3.43	5	(Z)	100.0	100.0	100.0	500	185	2.31
Owners, part owners, and managers	1,366	4.9	97.4	97.2	96.7	262	371,215	8.97	3.43	5	(Z)	100.0	100.0	100.0	500	185	2.31
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	30	4.2	2.1	2.0	2.8	182	9,310	7.69	4.23	...	...	...	...	...	...	...	...
Other tenants	6	9.1	0.4	0.9	0.5	447	1,820	8.47	1.90	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Vermont, total	7,498	19.7	100.0	100.0	100.0	431	2,129,877	10.38	2.41	4,114	5.3	100.0	100.0	100.0	2,334	298,552	5.42
Owners, part owners, and managers	7,177	19.8	95.7	95.8	95.3	433	2,044,907	10.45	2.41	3,959	5.4	96.2	96.9	96.3	2,348	289,767	5.46
Cash tenants	111	27.0	1.5	1.8	2.3	327	39,115	8.21	2.51	65	4.3	1.6	1.6	1.4	2,720	4,560	6.08
All share tenants	130	12.8	1.7	1.3	1.4	385	22,790	7.87	2.05	45	3.3	1.1	0.7	1.3	1,149	1,650	2.23
Other tenants	80	20.8	1.1	1.2	0.9	545	23,065	11.83	2.17	45	5.7	1.1	0.8	1.0	2,038	2,575	4.86
Area 1	3,403	18.9	100.0	100.0	100.0	410	967,314	9.73	2.37	1,852	5.1	100.0	100.0	100.0	2,174	123,146	4.57
Owners, part owners, and managers	3,232	19.1	95.0	95.9	95.2	413	928,949	9.82	2.38	1,772	5.2	95.7	96.5	95.3	2,200	118,436	4.61
Cash tenants	41	27.9	1.2	1.4	2.0	297	14,535	7.45	2.51	35	7.6	1.9	2.2	2.0	2,396	3,150	5.94
All share tenants	110	12.4	3.2	2.3	2.5	388	19,810	8.07	2.08	40	3.6	2.2	1.2	2.6	993	1,210	1.72
Other tenants	20	11.0	0.6	0.4	0.4	370	4,020	9.93	2.68	5	1.0	0.3	0.2	0.1	2,857	350	10.00
Area 2	4,095	20.6	100.0	100.0	100.0	450	1,162,563	10.98	2.44	2,262	5.5	100.0	100.0	100.0	2,488	175,406	6.23
Owners, part owners, and managers	3,945	20.4	96.3	95.7	95.5	451	1,115,958	11.04	2.45	2,187	5.5	96.7	97.3	97.3	2,486	171,331	6.26
Cash tenants	70	26.4	1.7	2.0	2.7	347	24,580	8.73	2.52	30	2.1	1.3	1.1	0.8	3,500	1,410	6.41
All share tenants	20	15.4	0.5	0.3	0.4	368	2,980	6.77	1.84	5	1.2	0.2	0.2	0.1	4,286	440	12.57
Other tenants	60	27.2	1.5	1.9	1.5	590	19,045	12.33	2.09	40	8.7	1.8	1.4	1.8	1,980	2,225	4.49
Virginia, total	63,274	45.7	100.0	100.0	100.0	553	26,399,651	12.56	2.27	14,082	6.3	100.0	100.0	100.0	2,725	1,849,893	6.38
Owners, part owners, and managers	48,196	44.2	76.2	80.7	83.3	536	21,282,652	12.16	2.27	12,387	6.4	88.0	91.3	88.1	2,823	1,647,525	6.45
Cash tenants	714	53.9	1.1	1.8	1.4	718	436,295	15.09	2.10	166	8.1	1.2	1.2	1.5	2,234	30,490	7.00
All share tenants	6,668	54.7	10.5	10.4	9.2	624	2,718,952	14.09	2.26	984	5.4	7.0	5.0	6.6	2,059	115,944	6.10
Croppers	6,750	62.7	10.7	6.1	5.1	659	1,673,963	15.58	2.36	410	3.6	2.9	1.7	2.1	2,167	40,755	6.62
Other tenants	946	41.6	1.5	1.1	1.1	554	287,789	12.80	2.31	135	9.1	1.0	0.8	1.7	1,337	15,179	3.10
Area 1	2,085	27.2	100.0	100.0	100.0	435	328,627	10.00	2.30	184	2.4	100.0	100.0	100.0	3,169	16,384	5.63
Owners, part owners, and managers	1,810	26.3	86.8	86.8	89.6	422	285,587	9.70	2.30	179	2.6	97.3	98.7	99.0	3,160	16,254	5.64
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	80	69.3	3.8	5.3	5.3	434	18,225	10.47	2.41	...	...	...	...	...	...	...	...
Croppers	160	29.1	7.7	7.0	4.6	667	22,792	15.14	2.27	5	0.6	2.7	1.3	1.0	4,000	130	4.33
Other tenants	35	19.3	1.7	0.9	0.6	670	2,023	10.94	1.63	...	...	...	...	...	...	...	...
Area 2	9,035	37.8	100.0	100.0	100.0	443	1,808,002	10.46	2.36	1,692	6.3	100.0	100.0	100.0	4,493	200,630	7.00
Owners, part owners, and managers	7,940	37.2	87.9	90.7	92.0	437	1,642,412	10.33	2.36	1,632	6.5	96.5	96.1	96.7	4,463	193,160	6.97
Cash tenants	45	34.1	0.5	0.6	0.5	561	8,300	10.12	1.80	5	7.5	0.3	0.6	0.6	4,000	720	4.00
All share tenants	360	43.0	4.0	2.4	2.1	518	47,310	13.14	2.54	15	1.7	0.9	0.5	0.5	4,714	820	5.86
Croppers	615	54.0	6.8	5.6	5.0	498	98,385	11.41	2.29	25	2.8	1.5	2.2	1.6	6,422	4,815	10.70
Other tenants	75	35.6	0.8	0.6	0.4	643	11,595	15.16	2.36	15	7.7	0.9	0.6	0.6	4,606	1,115	6.76
Areas 3 and A	3,737	28.8	100.0	100.0	100.0	493	1,106,914	10.70	2.17	1,349	6.1	100.0	100.0	100.0	3,125	119,303	5.44
Owners, part owners, and managers	3,616	28.6	96.8	97.6	97.5	494	1,081,219	10.71	2.17	1,324	6.1	98.1	97.8	98.1	3,115	116,628	5.42
Cash tenants	20	48.4	0.5	0.5	0.7	331	4,800	6.91	2.09	5	2.4	0.4	0.3	0.2	5,143	365	10.43
All share tenants	35	48.0	0.9	1.2	0.9	652	13,660	14.08	2.16	10	11.4	0.7	1.3	1.0	4,000	1,440	6.26
Croppers	35	25.9	0.9	0.3	0.5	295	3,380	7.12	2.41	10	8.4	0.7	0.6	0.7	2,710	870	5.61
Other tenants	31	50.6	0.8	0.4	0.4	496	3,855	9.47	1.91	...	...	...	...	...	...	...	...
Area 4	4,750	38.5	100.0	100.0	100.0	410	1,754,687	8.88	2.16	1,136	4.3	100.0	100.0	100.0	3,243	115,409	5.19
Owners, part owners, and managers	4,254	38.2	89.6	87.9	88.4	408	1,545,347	8.85	2.17	1,001	4.3	88.1	88.1	88.6	3,225	102,094	5.18
Cash tenants	60	31.4	1.3	1.9	1.7	464	32,625	9.92	2.14	30	4.4	2.6	3.0	2.1	4,667	2,965	6.38
All share tenants	316	45.3	6.7	8.1	8.1	409	139,950	8.70	2.13	80	4.9	7.0	7.3	7.8	3,009	8,210	4.70
Croppers	40	27.1	0.8	0.8	0.6	500	13,690	10.70	2.14	...	...	...	...	...	...	...	...
Other tenants	80	41.1	1.7	1.3	1.2	440	23,075	9.92	2.26	25	5.9	2.2	1.7	1.5	3,552	2,140	6.39
Areas 5 and B	4,678	37.4	100.0	100.0	100.0	464	2,992,171	10.20	2.20	2,162	10.5	100.0	100.0	100.0	2,694	495,863	6.02
Owners, part owners, and managers	4,294	37.6	91.8	91.5	91.3	465	2,743,377	10.24	2.20	1,948	10.2	90.1	89.5	88.3	2,731	441,205	6.07
Cash tenants	47	49.2	1.0	1.7	1.4	548	47,000	11.30	2.06	26	15.2	1.2	1.3	1.6	2,249	7,245	5.64
All share tenants	230	35.3	4.9	5.5	5.7	447	158,472	9.40	2.10	133	12.9	6.2	7.0	7.5	2,518	36,234	5.87
Croppers	51	35.6	1.1	0.5	0.7	336	15,125	7.60	2.26	35	20.3	1.6	1.4	1.4	2,775	7,050	6.21
Other tenants	56	25.7	1.2	0.8	0.9	424	28,197	11.26	2.66	20	11.0	0.9	0.8	1.3	1,610	4,129	3.86
Areas 6 and C	8,897	44.2	100.0	100.0	100.0	487	3,064,989	10.89	2.24	2,223	5.4	100.0	100.0	100.0	2,918	252,653	7.34
Owners, part owners, and managers	7,440	43.6	83.6	89.0	89.7	483	2,721,440	10.79	2.23	2,036	5.4	91.6	95.0	91.3	3,035	235,826	7.50
Cash tenants	40	30.4	0.4	0.3	0.4	453	10,155	9.96	2.20	10	2.5	0.4	0.3	0.2	3,412	680	8.00
All share tenants	610	48.3	6.9	5.5	5.3	512	171,379	11.57	2.26	112	5.7	5.0	3.5	5.1	1,989	12,517	7.11
Croppers	650	62.2	7.3	4.1	3.5	568	131,575	13.18	2.32	40	1.8	1.8	0.4	0.8	1,414	2,320	8.00
Other tenants	157	36.6	1.8	1.0	1.2	415	30,440	9.23	2.23	25	9.5	1.1	0.8	2.5	982	1,310	1.53
Area 7	18,742	44.9	100.0	100.0	100.0	628	5,382,336	15.34	2.44	1,942	2.9	100.0	100.0	100.0	2,537	160,458	7.05
Owners, part owners, and managers	10,667	42.2	56.9	65.6	69.6	592	3,554,449	14.55	2.46	1,697	3.6	87.4	91.2	90.4	2,561	142,633	6.93
Cash tenants	90	44.9	0.5	0.5	0.5	695	27,560	17.17	2.47	...	...	...	...	...	...	...	...
All share tenants	3,269	45.6	17.4	14.8	13.7	677	786,427	16.32	2.41	160	1.1	8.2	4.9	5.2	2,400	10,735	9.14
Croppers	4,345	64.4	23.2	17.1	14.3	751	910,460	18.11	2.41	60	0.7	3.1	2.2	2.5	2,268	4,730	8.45
Other tenants	371	43.1	2.0	1.9	1.9	649	103,440	15.76	2.43	25	3.0	1.3	1.7	2.0	2,152	2,360	5.13
Areas 8 and 9	3,861	63.0	100.0	100.0	100.0	465	2,409,668	10.34	2.22	1,517	9.5	100.0	100.0	100.0	1,789	225,381	6.41
Owners, part owners, and managers	3,546	63.7	91.8	93.4	93.3	466	2,251,137	10.35	2.22	1,345	8.8	88.7	88.3	85.1	1,857	200,592	6.71
Cash tenants	80	72.9	2.1	1.5	1.6	436	36,735	9.81	2.25	30	10.4	2.0	0.9	1.5	1,103	2,485	4.64
All share tenants	123	56.2	3.2	2.9	3.2	427	69,970	9.50	2.22	82	17.0	5.4	5.7	6.3	1,617	12,879	5.78
Croppers	57	44.5	1.5	1.3	1.2	485	31,001	10.75	2.22	45	13.6	3.0	3.9	2.5	2,807	6,700	7.61
Other tenants	55	45.1	1.4	0.9	0.7	605	20,825	12.66	2.09	15	44.0	1.0	1.1	4.6	430	2,725	1.70

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Virginia—Continued																	
Area 10	5,723	79.6	100.0	100.0	100.0	676	4,578,822	15.66	2.32	1,209	4.9	100.0	100.0	100.0	1,433	108,616	6.06
Owners, part owners, and managers	3,269	79.8	57.1	64.4	62.7	694	3,005,534	16.39	2.36	697	4.8	57.7	71.7	61.6	1,669	71,122	6.45
Cash tenants	196	73.5	3.4	2.6	2.3	760	119,280	17.83	2.35	20	4.2	1.7	2.3	2.1	1,558	2,585	6.71
All share tenants	1,415	78.4	24.7	22.5	23.8	640	978,404	14.06	2.20	302	4.1	25.0	15.5	20.5	1,084	20,769	5.65
Croppers	777	82.4	13.6	9.3	10.0	629	425,805	14.56	2.32	180	6.8	14.9	9.0	13.5	963	12,740	5.29
Other tenants	66	82.2	1.2	1.1	1.2	652	49,799	14.68	2.25	10	9.9	0.8	1.4	2.3	878	1,400	3.41
Areas 11 and D	1,766	70.1	100.0	100.0	100.0	977	2,973,435	20.67	2.12	668	10.5	100.0	100.0	100.0	1,984	155,196	7.22
Owners, part owners, and managers	1,360	70.1	77.0	82.4	83.9	960	2,452,150	20.32	2.12	528	10.4	79.0	87.3	83.7	2,068	128,011	7.12
Cash tenants	136	70.8	7.7	5.7	4.8	1,157	149,840	21.73	1.88	40	14.2	6.0	5.4	6.4	1,653	13,445	9.71
All share tenants	230	73.8	13.0	10.8	9.5	1,107	335,155	24.44	2.21	90	10.0	13.5	6.6	8.7	1,517	12,340	6.62
Croppers	20	58.8	1.1	0.6	0.8	743	21,750	18.28	2.46	10	12.3	1.5	0.7	1.2	1,200	1,400	5.60
Other tenants	20	50.2	1.1	0.5	1.0	509	14,540	10.42	2.05	...	...	...	...	...	...	...	...
Washington, total	19,003	23.2	100.0	100.0	100.0	174	13,924,448	7.94	4.57	1,223	0.3	100.0	100.0	100.0	2,377	276,943	11.78
Owners, part owners, and managers	16,381	23.5	86.2	81.6	76.8	184	11,051,179	8.20	4.45	1,103	0.4	90.2	86.5	90.3	2,276	238,748	11.25
Cash tenants	774	31.8	4.1	4.4	2.1	358	556,547	14.98	4.19	80	0.9	6.5	5.5	4.5	2,900	15,770	14.95
All share tenants	1,658	21.3	8.7	13.1	20.2	112	2,205,958	6.22	5.53	20	0.1	1.6	6.0	3.6	4,000	16,695	19.88
Other tenants	190	25.2	1.0	0.9	0.9	186	110,764	7.24	3.89	20	0.6	1.6	2.0	1.6	2,947	5,730	15.08
Area 1	574	11.6	100.0	100.0	100.0	235	86,704	7.54	3.21	61	0.5	100.0	100.0	100.0	1,465	3,555	7.04
Owners, part owners, and managers	554	11.7	96.5	94.1	95.1	232	81,059	7.41	3.19	56	0.5	91.8	93.2	98.0	1,394	3,505	7.08
Cash tenants	10	23.0	1.7	4.1	2.7	355	2,750	8.87	2.50	5	0.7	8.2	6.8	2.0	5,000	50	5.00
All share tenants	10	9.5	1.7	1.9	2.2	200	2,895	11.58	5.79	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2	3,030	33.3	100.0	100.0	100.0	366	1,261,020	13.14	3.59	726	5.5	100.0	100.0	100.0	2,807	214,880	13.63
Owners, part owners, and managers	2,730	32.4	90.1	86.8	85.1	373	1,083,745	13.27	3.56	646	5.5	89.0	85.0	87.5	2,729	182,320	13.22
Cash tenants	200	36.8	6.6	9.5	9.5	365	125,680	13.78	3.78	50	3.6	6.9	6.4	5.6	3,239	13,815	15.70
All share tenants	65	52.2	2.1	3.1	4.8	240	42,680	9.31	3.88	20	9.6	2.8	7.6	5.3	4,000	16,695	19.88
Other tenants	35	20.7	1.2	0.6	0.6	364	8,915	14.50	3.98	10	8.6	1.4	0.9	1.6	1,647	2,050	8.04
Areas 3, A, and B	1,519	20.6	100.0	100.0	100.0	686	502,850	23.98	3.49	236	2.1	100.0	100.0	100.0	2,486	33,340	15.29
Owners, part owners, and managers	1,354	19.2	89.1	78.0	75.7	707	396,670	24.97	3.53	211	2.4	89.4	85.1	91.5	2,311	28,060	14.07
Cash tenants	115	25.1	7.6	11.5	14.7	539	60,570	19.63	3.64	15	0.5	6.4	2.0	2.8	1,833	1,600	26.67
All share tenants	20	36.1	1.3	7.0	6.9	690	29,800	20.48	2.97	...	...	...	...	...	...	...	...
Other tenants	30	20.7	2.0	3.5	2.6	916	15,810	28.75	3.14	10	4.7	4.2	12.9	5.7	5,600	3,680	29.44
Areas 4 and C	1,400	17.6	100.0	100.0	100.0	256	343,688	9.17	3.58	151	1.9	100.0	100.0	100.0	1,128	21,914	5.40
Owners, part owners, and managers	1,335	17.9	95.4	96.6	96.5	257	332,573	9.20	3.58	141	2.0	93.4	98.9	97.4	1,146	21,609	5.47
Cash tenants	45	15.4	3.2	2.8	2.3	309	9,055	10.29	3.33	10	1.8	6.6	1.1	2.6	476	305	2.90
All share tenants	5	0.5	0.4	(Z)	0.1	100	60	3.00	3.00	...	...	...	...	...	...	...	...
Other tenants	15	43.6	1.1	0.5	1.1	118	2,000	4.71	4.00	...	...	...	...	...	...	...	...
Area 5a	1,894	18.7	100.0	100.0	100.0	342	611,302	13.58	3.97	30	0.3	100.0	100.0	100.0	843	2,535	3.05
Owners, part owners, and managers	1,842	19.5	97.3	98.4	98.4	341	602,568	13.60	3.98	30	0.4	100.0	100.0	100.0	843	2,535	3.05
Cash tenants	1	1.4	0.1	0.2	0.2	329	1,200	14.12	4.29	...	...	...	...	...	...	...	...
All share tenants	41	6.5	2.2	1.0	0.9	376	6,079	14.83	3.95	...	...	...	...	...	...	...	...
Other tenants	10	32.6	0.5	0.4	0.5	302	1,455	6.47	2.14	...	...	...	...	...	...	...	...
Area 5b	435	13.4	100.0	100.0	100.0	154	172,624	5.93	3.84	1	(Z)	100.0	100.0	100.0	2,000	4	4.00
Owners, part owners, and managers	389	13.4	89.4	92.4	90.2	158	158,557	6.04	3.82	1	(Z)	100.0	100.0	100.0	2,000	4	4.00
Cash tenants	15	15.4	3.4	1.2	1.9	96	2,415	4.47	4.64	...	...	...	...	...	...	...	...
All share tenants	25	12.8	5.7	6.0	7.7	120	11,357	5.10	4.24	...	...	...	...	...	...	...	...
Other tenants	6	6.1	1.4	0.4	0.3	215	295	3.17	1.48	...	...	...	...	...	...	...	...
Area 6	4,750	25.1	100.0	100.0	100.0	290	3,066,434	11.93	4.12	10	(Z)	100.0	100.0	100.0	2,000	590	9.08
Owners, part owners, and managers	4,117	26.1	86.7	85.4	85.1	291	2,563,020	11.72	4.03	10	(Z)	100.0	100.0	100.0	2,000	590	9.08
Cash tenants	306	44.7	6.4	6.8	5.9	332	260,230	17.09	5.15	...	...	...	...	...	...	...	...
All share tenants	277	15.0	5.8	7.2	8.4	248	223,439	10.32	4.17	...	...	...	...	...	...	...	...
Other tenants	50	33.9	1.1	0.7	0.5	354	19,745	14.31	4.05	...	...	...	...	...	...	...	...
Area 7a	2,023	15.9	100.0	100.0	100.0	132	3,213,734	6.90	5.24	...	...	...	...	...	...	...	...
Owners, part owners, and managers	1,490	16.4	73.7	75.3	72.2	137	2,405,972	7.16	5.22	...	...	...	...	...	...	...	...
Cash tenants	40	25.3	2.0	3.5	0.9	495	69,467	15.95	3.23	...	...	...	...	...	...	...	...
All share tenants	474	14.7	23.4	20.3	26.1	102	707,173	5.81	5.68	...	...	...	...	...	...	...	...
Other tenants	19	13.4	0.9	0.9	0.8	154	31,122	8.39	5.44	...	...	...	...	...	...	...	...
Areas 7b and D	3,378	32.1	100.0	100.0	100.0	110	4,666,092	5.90	5.36	8	(Z)	100.0	100.0	100.0	168	125	1.32
Owners, part owners, and managers	2,570	32.4	76.1	75.8	72.9	114	3,427,015	5.94	5.19	8	(Z)	100.0	100.0	100.0	168	125	1.32
Cash tenants	42	31.0	1.2	0.7	0.4	179	25,180	7.11	3.97	...	...	...	...	...	...	...	...
All share tenants	741	31.0	21.9	22.4	25.6	96	1,182,475	5.85	6.07	...	...	...	...	...	...	...	...
Other tenants	25	44.0	0.7	1.1	1.1	110	31,422	3.78	3.42	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
West Virginia, total	13,865	20.3	100.0	100.0	100.0	371	2,393,180	8.80	2.38	5,304	5.3	100.0	100.0	100.0	3,612	466,180	6.57
Owners, part owners, and managers	12,993	19.9	93.7	91.9	90.9	375	2,198,647	8.90	2.38	5,111	5.4	96.4	94.6	94.2	3,628	441,584	6.61
Cash tenants	237	25.1	1.7	2.6	2.9	335	69,430	8.81	2.63	40	2.6	0.8	1.4	1.2	4,232	5,780	7.05
All share tenants	367	28.1	2.6	4.0	4.7	314	89,585	6.96	2.22	76	3.1	1.4	2.2	2.0	4,000	10,085	7.18
Croppers	78	17.9	0.6	0.4	0.4	326	8,545	7.62	2.33	20	5.3	0.4	0.4	0.5	3,104	1,060	3.16
Other tenants	190	16.9	1.4	1.2	1.1	396	26,973	9.13	2.31	57	8.9	1.1	1.4	2.2	2,351	7,671	4.97
Areas 1 and A	1,233	14.2	100.0	100.0	100.0	396	206,067	9.82	2.48	804	6.5	100.0	100.0	100.0	3,539	70,948	7.44
Owners, part owners, and managers	1,148	13.7	93.1	95.0	91.8	410	195,922	10.17	2.48	779	6.6	96.9	97.5	97.2	3,550	68,398	7.37
Cash tenants	35	34.2	2.8	2.7	4.9	221	6,410	6.22	2.81	5	0.7	0.6	0.6	0.2	9,500	335	16.75
All share tenants	35	20.0	2.8	1.9	2.4	324	2,940	5.88	1.81	20	9.8	2.5	1.9	2.6	2,612	2,215	9.04
Croppers	5	16.3	0.4	0.1	0.2	200	170	4.25	2.13	...	...	...	...	...	...	...	...
Other tenants	10	21.1	0.8	0.2	0.8	125	625	3.91	3.13	...	...	...	...	...	...	...	...
Areas 2a and B	2,187	18.8	100.0	100.0	100.0	372	349,093	9.69	2.61	591	4.1	100.0	100.0	100.0	3,565	56,170	7.13
Owners, part owners, and managers	2,009	18.3	91.9	88.0	88.4	370	302,955	9.52	2.57	551	4.1	93.2	88.6	90.9	3,474	49,800	6.95
Cash tenants	41	37.2	1.9	5.6	5.4	392	26,640	13.82	3.52	10	6.6	1.7	5.2	4.3	4,265	3,250	9.56
All share tenants	85	19.6	3.9	5.0	5.3	351	15,040	7.90	2.25	25	3.7	4.2	5.8	4.6	4,500	2,970	8.25
Croppers	20	18.1	0.9	0.7	0.4	714	2,535	18.11	2.54	5	1.9	0.8	0.5	0.2	8,667	150	10.00
Other tenants	32	8.5	1.5	0.6	0.6	410	1,923	9.38	2.29	...	...	...	...	...	...	...	...
Area 2b	2,401	10.9	100.0	100.0	100.0	402	254,407	9.22	2.29	983	4.8	100.0	100.0	100.0	3,292	76,012	6.30
Owners, part owners, and managers	2,318	11.1	96.5	96.9	96.7	403	247,424	9.27	2.30	957	4.7	97.4	95.4	93.7	3,350	72,692	6.43
Cash tenants	15	1.9	0.6	0.1	0.3	229	335	4.79	2.09	...	...	...	...	...	...	...	...
All share tenants	25	20.2	1.0	0.9	1.8	202	2,155	4.35	2.16	5	1.2	0.5	0.3	0.2	4,000	160	5.33
Croppers	17	3.2	0.7	0.3	0.3	420	855	10.56	2.51	5	2.0	0.5	0.4	0.4	3,000	150	3.00
Other tenants	26	6.8	1.1	1.7	0.9	741	3,638	14.05	1.89	16	17.6	1.6	3.9	5.6	2,311	3,010	4.46
Area 3	1,671	16.2	100.0	100.0	100.0	410	269,541	9.95	2.43	779	5.9	100.0	100.0	100.0	3,422	68,161	6.94
Owners, part owners, and managers	1,611	16.6	96.4	97.0	96.6	412	261,336	9.99	2.43	754	5.9	96.8	95.0	94.3	3,448	64,916	7.01
Cash tenants	20	3.2	1.2	0.7	0.7	411	1,405	7.59	1.85	10	0.7	1.3	1.0	0.4	8,000	955	23.88
All share tenants	10	16.3	0.6	0.7	0.6	471	2,020	11.88	2.53	...	...	...	...	...	...	...	...
Croppers	10	20.1	0.6	0.5	0.6	360	1,110	7.40	2.06	5	22.8	0.6	1.1	1.7	2,118	360	2.12
Other tenants	20	19.0	1.2	1.1	1.6	295	3,670	8.74	2.96	10	15.9	1.3	3.0	3.6	2,857	1,930	5.51
Areas 4 and C	859	17.3	100.0	100.0	100.0	372	83,179	9.36	2.51	238	6.5	100.0	100.0	100.0	3,101	15,421	4.64
Owners, part owners, and managers	798	16.8	92.9	90.5	89.8	376	75,469	9.47	2.52	233	6.9	97.9	99.0	99.2	3,094	15,121	4.59
Cash tenants	36	20.3	4.2	7.3	8.3	327	6,445	8.77	2.69	...	...	...	...	...	...	...	...
All share tenants	5	100.0	0.6	0.4	0.1	2,400	330	66.00	2.75	...	...	...	...	...	...	...	...
Croppers	5	65.2	0.6	0.7	0.8	320	450	6.00	1.88	...	...	...	...	...	...	...	...
Other tenants	15	32.8	1.7	1.1	1.1	400	485	5.11	1.28	5	8.6	2.1	1.0	0.8	4,000	300	12.00
Area 5	4,440	24.0	100.0	100.0	100.0	376	789,842	8.76	2.33	1,623	5.8	100.0	100.0	100.0	3,915	140,313	6.46
Owners, part owners, and managers	4,270	24.0	96.2	96.3	96.6	375	760,170	8.72	2.32	1,581	5.8	97.4	98.3	97.0	3,966	137,132	6.51
Cash tenants	30	32.3	0.7	0.7	0.3	878	5,345	20.96	2.39	10	22.8	0.6	0.3	0.8	1,444	240	1.33
All share tenants	57	23.8	1.3	1.4	1.4	377	11,370	9.05	2.40	11	2.3	0.7	0.5	0.6	3,667	1,140	9.50
Croppers	6	28.2	0.1	0.1	0.1	313	825	7.17	2.29	...	...	...	...	...	...	...	...
Other tenants	77	26.2	1.7	1.5	1.6	361	12,132	8.54	2.37	21	6.4	1.3	0.9	1.6	2,209	1,801	5.22
Area 6	1,074	39.3	100.0	100.0	100.0	321	441,051	7.22	2.25	286	4.2	100.0	100.0	100.0	3,901	39,155	5.96
Owners, part owners, and managers	839	40.9	78.1	79.9	78.5	326	355,371	7.41	2.27	256	4.6	89.5	81.8	82.6	3,862	33,525	6.18
Cash tenants	60	39.0	5.6	5.6	6.0	298	22,850	6.22	2.08	5	2.5	1.7	4.9	3.7	5,208	1,000	4.17
All share tenants	150	34.5	14.0	13.0	14.0	297	55,730	6.53	2.19	15	2.6	5.2	10.9	9.9	4,308	3,600	5.54
Croppers	15	35.9	1.4	0.6	0.9	212	2,600	5.00	2.36	5	6.9	1.7	1.6	1.5	4,000	400	4.00
Other tenants	10	15.7	0.9	1.0	0.6	506	4,500	11.39	2.25	5	6.0	1.7	0.8	2.3	1,400	630	4.20
Wisconsin, total	99,098	30.7	100.0	100.0	100.0	223	25,242,861	6.64	2.98	34,077	4.1	100.0	100.0	100.0	3,882	2,961,816	5.87
Owners, part owners, and managers	81,968	29.7	82.7	81.7	78.9	231	20,592,887	6.87	2.98	28,849	4.2	84.7	82.0	83.3	3,824	2,496,817	5.95
Cash tenants	3,426	30.8	3.5	3.3	3.5	209	804,452	6.10	2.92	950	2.8	2.8	2.1	2.4	3,386	57,695	4.74
All share tenants	12,373	37.1	12.5	13.7	16.2	188	3,518,872	5.70	3.03	3,833	3.9	11.2	14.3	12.9	4,309	366,774	5.63
Other tenants	1,331	31.7	1.3	1.3	1.4	201	326,650	6.00	2.98	445	4.1	1.3	1.5	1.4	4,259	40,530	5.81
Areas 1 and A	5,763	18.5	100.0	100.0	100.0	360	1,400,907	10.70	2.97	2,428	3.6	100.0	100.0	100.0	4,019	215,203	8.52
Owners, part owners, and managers	5,623	18.6	97.6	98.0	97.5	362	1,374,287	10.77	2.98	2,388	3.6	98.4	98.3	97.9	4,035	213,113	8.62
Cash tenants	75	12.1	1.3	1.2	1.2	349	13,270	8.51	2.44	20	0.9	0.8	0.2	0.5	2,000	330	2.75
All share tenants	25	18.5	0.4	0.4	0.5	287	5,770	8.36	2.91	5	2.0	0.2	0.1	0.3	800	120	1.60
Other tenants	40	15.7	0.7	0.4	0.8	173	7,580	7.12	4.12	15	4.8	0.6	1.4	1.3	4,338	1,640	5.05
Area 2a	13,715	27.6	100.0	100.0	100.0	189	2,867,039	6.03	3.18	4,904	4.4	100.0	100.0	100.0	4,149	447,165	5.88
Owners, part owners, and managers	11,979	27.8	87.3	87.5	86.2	192	2,506,884	6.12	3.18	4,298	4.5	87.6	87.0	87.5	4,127	395,490	5.94
Cash tenants	575	26.6	4.2	3.6	3.7	185	103,410	5.87	3.18	150	3.4	3.1	2.9	3.0	4,026	11,390	5.00
All share tenants	1,016	26.6	7.4	7.8	9.0	164	224,200	5.23	3.19	386	3.6	7.9	7.6	7.6	4,161	31,320	5.42
Other tenants	145	24.3	1.1	1.1	1.1	193	32,545	6.28	3.25	70	6.8	1.4	2.4	1.9	5,292	8,965	6.16
Area 2b	9,235	29.8	100.0	100.0	100.0	217	1,698,105	6.03	2.78	3,665	4.9	100.0	100.0	100.0	3,749	269,411	5.77
Owners, part owners, and managers	7,028	29.9	76.1	76.4	75.5	219	1,296,673	6.09	2.78	2,865	5.0	78.2	78.6	76.1	3,875	208,706	5.88
Cash tenants	225	35.8	2.4	3.0	3.1	204	53,485	6.03	2.95	)	7.0	2.7	3.0	3.7	3,055	8,985	5.21
All share tenants	1,802	28.9	19.5	18.8	19.4	209	316,507	5.78	2.76	5	4.6	17.1	17.0	18.7	3,420	46,395	5.32
Other tenants	180	27.0	1.9	1.9	1.9	215	31,440	5.94	2.77	75	3.7	2.0	1.3	1.6	3,205	5,325	7.29

Table 5.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TENURE OF FARM OPERATOR, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and tenure of operator	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Wisconsin—Continued																	
Area 3	9,485	34.3	100.0	100.0	100.0	189	2,430,814	5.70	3.01	2,876	4.8	100.0	100.0	100.0	5,096	352,697	5.95
Owners, part owners, and managers	5,804	32.7	61.2	57.9	56.4	195	1,429,812	5.95	3.06	1,836	5.0	63.8	63.5	62.5	5,178	224,352	6.06
Cash tenants	306	39.3	3.2	3.3	3.5	178	80,652	5.43	3.05	80	3.9	2.8	2.3	2.5	4,801	7,515	5.15
All share tenants	3,135	36.7	33.1	36.0	37.3	183	850,920	5.34	2.92	875	4.4	30.4	31.4	32.5	4,929	110,775	5.75
Other tenants	240	33.2	2.5	2.8	2.8	190	69,430	5.80	3.05	85	4.2	3.0	2.8	2.6	5,503	10,055	6.57
Area 4	13,090	26.9	100.0	100.0	100.0	217	2,411,758	6.48	2.98	6,308	6.0	100.0	100.0	100.0	4,210	669,222	8.06
Owners, part owners, and managers	12,119	26.8	92.6	92.2	91.3	220	2,230,988	6.56	2.99	5,952	6.2	94.4	94.5	94.8	4,198	629,808	8.00
Cash tenants	255	22.8	1.9	1.6	1.7	203	37,230	5.97	2.94	85	3.0	1.3	1.3	1.0	5,423	7,055	8.66
All share tenants	601	29.8	4.6	5.2	5.9	192	125,215	5.69	2.97	231	3.8	3.7	3.6	3.3	4,533	27,589	9.94
Other tenants	115	30.4	0.9	1.0	1.1	194	18,325	4.46	2.30	40	5.7	0.6	0.6	0.9	2,915	4,770	6.24
Area 5	6,163	28.9	100.0	100.0	100.0	243	1,733,763	6.96	2.86	2,856	5.1	100.0	100.0	100.0	3,552	249,421	5.73
Owners, part owners, and managers	5,621	28.3	91.2	92.3	89.9	250	1,606,273	7.17	2.87	2,626	5.0	91.9	89.2	91.1	3,480	227,421	5.73
Cash tenants	110	31.1	1.8	1.5	1.7	217	25,885	6.10	2.81	55	4.7	1.9	2.4	1.5	5,705	5,370	8.33
All share tenants	346	37.8	5.6	5.3	7.2	181	87,725	4.92	2.72	160	6.2	5.6	8.0	6.8	4,190	15,395	5.22
Other tenants	86	30.7	1.4	0.9	1.2	169	13,880	4.67	2.76	15	3.1	0.5	0.4	0.7	2,068	1,235	4.19
Area 6	8,888	25.8	100.0	100.0	100.0	257	2,018,997	7.52	2.93	2,070	2.4	100.0	100.0	100.0	2,668	130,882	5.22
Owners, part owners, and managers	8,533	25.8	96.0	96.5	95.8	259	1,948,757	7.58	2.93	1,990	2.4	96.1	96.5	95.7	2,688	125,767	5.24
Cash tenants	125	18.7	1.4	0.9	1.1	207	17,770	5.91	2.86	15	0.7	0.7	0.5	0.4	3,143	400	3.81
All share tenants	175	25.8	2.0	1.9	2.4	202	39,165	6.12	3.02	55	3.7	2.7	2.8	3.6	2,066	4,400	4.86
Other tenants	55	38.1	0.6	0.7	0.7	253	13,305	7.13	2.82	10	1.1	0.5	0.3	0.2	3,091	315	5.73
Area 7	10,272	23.1	100.0	100.0	100.0	218	2,345,071	6.26	2.88	2,984	2.5	100.0	100.0	100.0	1,567	91,607	2.23
Owners, part owners, and managers	8,732	22.4	85.0	84.7	82.8	223	1,995,871	6.44	2.89	2,564	2.6	85.9	84.3	87.0	1,519	77,407	2.17
Cash tenants	470	17.2	4.6	3.7	3.6	220	83,645	6.13	2.79	145	2.6	4.9	4.4	4.9	1,384	3,730	1.84
All share tenants	985	33.0	9.6	11.7	12.9	187	253,355	5.23	2.80	250	2.1	8.4	10.8	7.6	2,220	10,055	3.21
Other tenants	85	21.3	0.8	0.5	0.6	180	12,200	5.13	2.85	25	1.6	0.8	0.5	0.4	1,833	415	2.31
Areas 8 and B	20,007	42.2	100.0	100.0	100.0	212	6,999,293	6.46	3.05	5,609	3.8	100.0	100.0	100.0	4,240	506,763	5.20
Owners, part owners, and managers	14,584	41.7	72.9	74.1	71.4	220	5,128,203	6.63	3.02	4,068	3.9	72.5	73.5	74.4	4,185	374,258	5.16
Cash tenants	965	37.7	4.8	3.8	4.0	205	251,755	5.86	2.86	235	2.3	4.2	1.8	2.7	2,891	11,005	4.22
All share tenants	4,113	45.1	20.6	20.7	23.1	190	1,515,805	6.06	3.20	1,206	3.7	21.5	23.2	21.3	4,624	114,465	5.52
Other tenants	345	40.1	1.7	1.4	1.6	188	103,530	5.90	3.14	100	3.6	1.8	1.5	1.6	3,931	7,035	4.42
Areas 9 and C	2,480	51.1	100.0	100.0	100.0	331	1,337,114	9.61	2.90	377	2.5	100.0	100.0	100.0	2,107	29,445	4.36
Owners, part owners, and managers	1,945	51.2	78.4	80.8	73.8	363	1,075,139	10.47	2.89	262	2.7	69.5	76.8	81.1	1,997	20,495	3.74
Cash tenants	320	52.6	12.9	10.2	13.6	248	137,350	7.25	2.93	65	1.1	17.2	5.3	5.8	1,923	1,915	4.91
All share tenants	175	50.7	7.1	7.1	11.1	213	100,210	6.49	3.04	40	2.8	10.6	16.1	12.4	2,738	6,260	7.45
Other tenants	40	40.8	1.6	1.9	1.5	419	24,415	11.77	2.81	10	1.0	2.7	1.8	0.7	5,000	775	15.50
Wyoming, total	2,169	4.4	100.0	100.0	100.0	194	991,756	8.26	4.25	7	(Z)	100.0	100.0	100.0	1,321	1,958	2.05
Owners, part owners, and managers	1,524	3.5	70.3	68.4	68.8	193	663,446	8.04	4.16	2	(Z)	28.6	48.5	33.5	1,912	1,208	3.78
Cash tenants	36	2.3	1.7	1.1	1.2	182	11,967	8.65	4.75	...	...	...	...	...	...	...	...
All share tenants	578	11.7	26.6	29.5	29.2	196	307,961	8.80	4.48	5	0.2	71.4	51.5	66.5	1,024	750	1.18
Other tenants	31	6.5	1.4	1.0	0.9	224	8,382	7.69	3.44	...	...	...	...	...	...	...	...
Area 1	134	0.7	100.0	100.0	100.0	217	40,395	6.72	3.10	...	...	...	...	...	...	...	...
Owners, part owners, and managers	129	0.7	96.3	93.9	97.8	208	38,875	6.62	3.18	...	...	...	...	...	...	...	...
Cash tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
All share tenants	5	0.8	3.7	6.1	2.2	593	1,520	11.26	1.90	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2a	1,320	12.6	100.0	100.0	100.0	191	642,695	8.22	4.30	5	0.1	100.0	100.0	100.0	1,024	750	1.18
Owners, part owners, and managers	984	11.3	74.5	71.4	72.5	188	456,670	8.05	4.28	...	...	...	...	...	...	...	...
Cash tenants	22	4.0	1.7	0.9	1.0	176	6,887	8.81	4.99	...	...	...	...	...	...	...	...
All share tenants	283	20.9	21.4	26.0	25.1	198	170,756	8.70	4.40	5	0.7	100.0	100.0	100.0	1,024	750	1.18
Other tenants	31	13.3	2.3	1.6	1.4	224	8,382	7.69	3.44	...	...	...	...	...	...	...	...
Area 2b	715	2.7	100.0	100.0	100.0	198	308,666	8.62	4.36	2	(Z)	100.0	100.0	100.0	1,912	1,208	3.78
Owners, part owners, and managers	411	1.8	57.5	57.4	55.7	203	167,901	8.41	4.14	2	(Z)	100.0	100.0	100.0	1,912	1,208	3.78
Cash tenants	14	2.4	2.0	1.6	1.7	189	5,080	8.44	4.46	...	...	...	...	...	...	...	...
All share tenants	290	8.1	40.6	41.0	42.6	190	135,685	8.90	4.67	...	...	...	...	...	...	...	...
Other tenants	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954

State, economic area, and type of farm	Fertilizer									Lime							
			Percent distribution of—				Expenditures (dollars)					Percent distribution of—				Expenditures (dollars)	
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Farms reporting fertilizer	Fertilizer used	Acres fertilized	Quantity used per acre fertilized (lb.)	For fertilizer	Per acre fertilized	Per cwt. of fertilizer used	Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Farms reporting lime	Lime used	Acres limed	Quantity used per acre limed (lb.)	For lime	Per acre limed
United States, total	2,294,961	26.0	100.0	100.0	100.0	307	1,024,105,436	8.81	2.87	450,850	2.2	100.0	100.0	100.0	3,328	65,021,932	6.65
All crop farms	1,185,058	27.1	51.6	55.2	50.1	338	572,012,196	9.83	2.91	125,238	1.4	27.8	29.2	30.5	3,184	19,889,595	6.67
All livestock farms	839,106	23.8	36.6	32.0	36.8	266	323,214,468	7.55	2.84	264,982	3.1	58.8	58.1	56.9	3,397	37,029,436	6.66
General crop and livestock farms	246,283	28.7	10.7	11.9	12.6	289	119,925,766	8.20	2.84	56,346	2.3	12.5	12.2	11.7	3,456	7,555,809	6.58
All other farms	24,514	31.6	1.1	0.9	0.5	540	8,953,006	14.61	2.71	4,284	4.3	1.0	0.6	0.9	2,202	547,092	6.50
Alabama, total	89,346	62.1	100.0	100.0	100.0	409	35,036,378	8.55	2.09	5,209	3.0	100.0	100.0	100.0	1,807	1,001,520	5.12
All crop farms	69,339	71.6	77.6	64.1	64.4	407	22,932,280	8.69	2.14	2,216	1.5	42.5	29.6	28.8	1,858	283,177	5.02
All livestock farms	12,164	46.6	13.6	23.1	22.9	412	7,675,014	8.17	1.99	1,993	5.1	38.3	52.8	52.3	1,825	529,367	5.18
General crop and livestock farms	6,555	64.6	7.3	11.3	11.3	409	3,884,403	8.40	2.05	852	4.1	16.4	14.6	15.2	1,734	160,336	5.40
All other farms	1,288	31.5	1.4	1.5	1.4	430	544,681	9.17	2.13	148	3.9	2.8	3.0	3.7	1,461	28,640	3.91
Area 1	13,284	64.5	100.0	100.0	100.0	367	4,618,765	7.20	1.96	920	3.2	100.0	100.0	100.0	2,356	146,531	4.64
All crop farms	11,630	68.1	87.5	80.0	80.3	366	3,692,546	7.17	1.96	529	1.8	57.5	43.6	42.5	2,412	64,088	4.77
All livestock farms	1,174	50.4	8.8	14.4	13.9	381	675,176	7.56	1.99	280	7.3	30.4	41.7	40.9	2,398	62,036	4.80
General crop and livestock farms	407	63.8	3.1	5.2	5.4	350	233,393	6.69	1.91	100	8.9	10.9	13.9	15.5	2,110	18,767	3.84
All other farms	73	41.1	0.5	0.4	0.4	379	17,650	7.23	1.91	11	5.4	1.2	0.9	1.0	2,063	1,640	5.13
Area 2	15,880	76.8	100.0	100.0	100.0	447	5,781,491	10.46	2.34	550	2.0	100.0	100.0	100.0	1,954	66,113	4.58
All crop farms	13,100	81.2	82.5	79.6	79.0	450	4,642,039	10.63	2.36	327	0.9	59.5	33.3	32.5	1,998	23,710	5.04
All livestock farms	1,749	62.1	11.0	12.8	13.2	432	704,602	9.66	2.23	157	7.1	28.5	55.8	57.5	1,897	34,654	4.17
General crop and livestock farms	950	71.7	6.0	7.1	7.1	445	401,945	10.25	2.30	61	2.3	11.1	9.1	8.7	2,032	6,964	5.51
All other farms	81	40.9	0.5	0.6	0.7	396	32,905	9.02	2.28	5	2.0	0.9	1.8	1.2	2,971	785	4.49
Areas 3 and A	6,536	57.6	100.0	100.0	100.0	420	2,450,514	9.02	2.15	461	4.0	100.0	100.0	100.0	1,824	83,231	4.40
All crop farms	4,985	66.3	76.3	68.5	68.6	419	1,706,681	9.16	2.18	161	1.5	34.9	24.0	22.1	1,981	19,265	4.61
All livestock farms	1,121	45.0	17.2	25.0	24.2	434	570,722	8.67	2.00	238	9.0	51.6	66.7	69.5	1,751	56,625	4.31
General crop and livestock farms	314	46.8	4.8	5.8	6.1	394	139,821	8.37	2.12	49	3.7	10.6	8.6	7.0	2,235	6,446	4.85
All other farms	116	32.4	1.8	0.7	1.0	272	33,290	11.75	4.32	13	3.0	2.8	0.7	1.4	901	895	3.42
Areas 4 and B	5,780	48.1	100.0	100.0	100.0	394	1,773,715	8.59	2.18	443	3.8	100.0	100.0	100.0	1,738	99,806	6.06
All crop farms	4,207	58.3	72.8	59.0	59.8	388	1,070,689	8.67	2.23	112	1.8	25.3	25.1	23.6	1,851	20,897	5.38
All livestock farms	1,093	41.5	18.9	31.2	30.7	401	531,949	8.39	2.09	238	6.7	53.7	59.1	61.8	1,662	62,593	6.15
General crop and livestock farms	291	47.5	5.0	6.4	6.5	392	112,022	8.41	2.15	61	5.7	13.8	10.0	9.7	1,803	11,171	7.01
All other farms	189	17.2	3.3	3.4	3.0	443	59,055	9.39	2.12	32	2.2	7.2	5.7	4.9	2,020	5,145	6.35
Area 5	11,740	59.4	100.0	100.0	100.0	397	4,047,817	8.48	2.14	518	3.2	100.0	100.0	100.0	1,902	139,079	5.33
All crop farms	9,498	66.6	80.9	66.1	67.9	387	2,785,466	8.60	2.22	209	1.8	40.3	27.7	33.0	1,596	37,768	4.39
All livestock farms	1,373	50.4	11.7	22.6	21.7	415	830,394	8.04	1.94	227	6.5	43.8	55.6	50.7	2,086	74,561	5.64
General crop and livestock farms	646	51.8	5.5	9.5	8.7	436	365,710	8.84	2.03	79	5.2	15.3	16.4	15.9	1,965	26,248	6.32
All other farms	223	26.3	1.9	1.8	1.8	393	66,247	7.66	1.95	3	0.3	0.6	0.3	0.4	1,389	502	4.65
Areas 6 and C	12,889	41.9	100.0	100.0	100.0	396	4,403,855	7.77	1.96	434	2.3	100.0	100.0	100.0	1,802	160,980	5.29
All crop farms	10,599	60.0	82.2	44.9	44.8	397	2,118,723	8.35	2.10	73	0.7	16.8	8.7	9.2	1,704	14,139	5.06
All livestock farms	1,874	33.9	14.5	46.1	46.8	391	1,878,742	7.09	1.81	300	2.9	69.1	75.2	73.3	1,849	123,762	5.55
General crop and livestock farms	303	34.2	2.4	7.0	6.6	420	315,793	8.46	2.01	36	2.0	8.3	7.8	7.1	1,973	12,464	5.78
All other farms	113	27.9	0.9	1.9	1.9	417	90,597	8.63	2.07	25	8.4	5.8	8.4	10.4	1,444	10,615	3.34
Area 7a	18,541	76.6	100.0	100.0	100.0	380	8,634,116	7.80	2.05	1,513	3.2	100.0	100.0	100.0	1,366	232,070	5.07
All crop farms	12,525	81.0	67.6	58.3	59.3	374	5,027,761	7.66	2.05	617	1.7	40.8	31.8	29.8	1,458	73,087	5.35
All livestock farms	2,589	65.2	14.0	18.9	17.9	400	1,637,892	8.26	2.06	457	6.2	30.2	40.5	41.5	1,332	93,539	4.92
General crop and livestock farms	3,225	79.4	17.4	21.5	21.5	378	1,859,466	7.80	2.06	409	3.9	27.0	25.4	25.7	1,350	61,203	5.21
All other farms	202	44.6	1.1	1.4	1.2	424	108,997	8.00	1.89	30	4.5	2.0	2.3	3.0	1,051	4,241	3.07
Area 7b	1,872	53.6	100.0	100.0	100.0	344	488,156	7.57	2.20	57	1.5	100.0	100.0	100.0	1,662	11,607	6.40
All crop farms	1,290	68.1	68.9	49.5	53.3	320	253,141	7.37	2.30	13	1.2	22.8	29.9	33.0	1,503	2,640	4.41
All livestock farms	372	46.7	19.9	34.1	30.7	382	160,587	8.10	2.12	21	1.8	36.8	40.9	41.3	1,643	5,385	7.18
General crop and livestock farms	84	60.1	4.5	7.7	8.1	327	37,464	7.21	2.20	6	1.4	10.5	8.0	6.6	2,000	1,495	12.46
All other farms	126	27.2	6.7	8.7	7.9	378	36,964	7.24	1.92	17	1.8	29.8	21.3	19.0	1,861	2,087	6.05
Areas 8 and D	2,824	78.4	100.0	100.0	100.0	662	2,837,949	13.41	2.03	313	3.8	100.0	100.0	100.0	1,755	62,103	6.10
All crop farms	1,505	83.4	53.3	57.4	51.1	743	1,635,234	15.11	2.03	175	3.5	55.9	45.6	44.4	1,802	27,583	6.10
All livestock farms	819	70.6	29.0	23.9	28.9	548	684,950	11.20	2.05	75	2.9	24.0	26.1	24.4	1,880	16,212	6.54
General crop and livestock farms	335	79.9	11.9	15.7	17.0	613	418,789	11.64	1.90	51	5.4	16.3	23.6	23.8	1,743	15,578	6.44
All other farms	165	73.2	5.8	2.9	3.0	654	98,976	15.68	2.40	12	8.7	3.8	4.6	7.4	1,099	2,730	3.62
Arizona, total	3,074	52.0	100.0	100.0	100.0	312	12,266,614	15.65	5.02	13	(Z)	100.0	100.0	100.0	1,721	3,875	5.75
All crop farms	2,319	61.5	75.4	88.7	87.5	316	10,983,072	16.02	5.06	12	0.1	92.3	96.6	88.1	1,886	3,625	6.10
All livestock farms	485	17.3	15.8	5.2	6.7	241	619,459	11.76	4.88	...	...	...	...	...	...	...	...
General crop and livestock farms	229	53.8	7.4	5.7	5.7	316	626,413	14.15	4.47	1	0.1	7.7	3.4	11.9	500	250	3.12
All other farms	41	20.6	1.3	0.3	0.1	706	37,670	32.90	4.66	...	...	...	...	...	...	...	...
Area 1	154	5.4	100.0	100.0	100.0	197	64,928	8.08	4.10	...	...	...	...	...	...	...	...
All crop farms	29	18.5	18.8	44.8	42.1	210	25,405	7.52	3.58	...	...	...	...	...	...	...	...
All livestock farms	94	2.5	61.0	41.4	36.4	224	27,878	9.53	4.25	...	...	...	...	...	...	...	...
General crop and livestock farms	31	14.1	20.1	13.8	21.5	126	11,645	6.73	5.34	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area A	1,429	62.2	100.0	100.0	100.0	314	5,569,904	15.80	5.03	5	(Z)	100.0	100.0	100.0	1,000	375	1.88
All crop farms	1,066	70.1	74.6	88.8	86.4	323	4,953,942	16.27	5.04	5	(Z)	100.0	100.0	100.0	1,000	375	1.88
All livestock farms	271	29.7	19.0	6.6	8.6	240	365,836	12.04	5.01	...	...	...	...	...	...	...	...
General crop and livestock farms	71	59.1	5.0	4.1	4.8	267	221,726	13.10	4.91	...	...	...	...	...	...	...	...
All other farms	21	37.0	1.5	0.5	0.2	784	28,400	37.62	4.80	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Arizona—Continued																	
Area 2a	1,006	60.5	100.0	100.0	100.0	328	5,712,119	16.51	5.03	3	(Z)	100.0	100.0	100.0	2,054	2,500	11.16
All crop farms	830	60.6	82.5	88.8	89.7	325	5,187,432	16.72	5.15	2	(Z)	66.7	91.3	64.3	2,917	2,250	15.62
All livestock farms	55	43.2	5.5	3.0	3.2	310	136,617	12.23	3.95	...	...	...	...	...	...	...	...
General crop and livestock farms	111	74.0	11.0	8.0	7.0	375	379,570	15.76	4.20	1	0.2	33.3	8.7	35.7	500	250	3.12
All other farms	10	33.9	1.0	0.2	0.1	541	8,500	22.97	4.25	...	...	...	...	...	...	...	...
Area 2b	485	35.3	100.0	100.0	100.0	242	919,663	11.91	4.93	5	0.1	100.0	100.0	100.0	2,000	1,000	4.00
All crop farms	394	45.0	81.2	91.8	87.4	254	816,293	12.11	4.77	5	0.2	100.0	100.0	100.0	2,000	1,000	4.00
All livestock farms	65	13.8	13.4	6.8	10.6	155	89,128	10.88	7.00	...	...	...	...	...	...	...	...
General crop and livestock farms	16	17.3	3.3	1.3	2.0	151	13,472	8.69	5.76	...	...	...	...	...	...	...	...
All other farms	10	66.7	2.1	0.1	(Z)	800	770	38.50	4.81	...	...	...	...	...	...	...	...
Arkansas, total	67,174	35.6	100.0	100.0	100.0	235	20,790,428	7.57	3.23	2,878	0.9	100.0	100.0	100.0	2,986	419,415	6.10
All crop farms	51,534	42.7	76.7	81.7	82.3	233	17,524,629	7.75	3.33	1,018	0.6	35.4	46.3	45.7	3,020	196,739	6.26
All livestock farms	12,704	18.4	18.9	13.9	13.2	246	2,431,655	6.69	2.72	1,596	1.6	55.5	44.7	45.3	2,947	186,853	6.00
General crop and livestock farms	2,623	28.8	3.9	4.1	4.0	238	770,756	6.94	2.91	230	1.4	8.0	7.2	8.1	2,656	30,183	5.43
All other farms	313	20.4	0.5	0.3	0.4	216	63,388	6.33	2.93	34	1.3	1.2	1.8	0.9	6,149	5,640	9.14
Area 1a	2,763	27.0	100.0	100.0	100.0	233	505,126	6.33	2.72	336	2.2	100.0	100.0	100.0	3,473	34,960	5.42
All crop farms	170	52.9	6.2	10.7	11.6	215	67,480	7.29	3.38	15	0.4	4.5	1.1	1.0	3,692	370	5.69
All livestock farms	2,413	25.0	87.3	83.7	82.1	237	408,496	6.24	2.63	286	2.1	85.1	81.6	84.7	3,345	27,890	5.10
General crop and livestock farms	170	33.2	6.2	5.4	6.2	206	28,625	5.84	2.83	30	6.2	8.9	17.3	14.2	4,230	6,655	7.27
All other farms	10	12.6	0.4	0.1	0.1	244	525	5.83	2.39	5	0.7	1.5	(Z)	0.1	2,000	45	9.00
Area 1b	4,308	14.4	100.0	100.0	100.0	262	548,702	6.52	2.48	521	0.9	100.0	100.0	100.0	3,346	39,095	7.23
All crop farms	592	27.4	13.7	13.2	14.5	238	67,162	5.50	2.31	5	(Z)	1.0	0.1	0.1	4,000	50	10.00
All livestock farms	3,293	12.8	76.4	75.4	73.8	268	420,582	6.77	2.52	482	1.1	92.5	94.6	94.6	3,345	37,033	7.24
General crop and livestock farms	364	20.7	8.4	10.6	11.0	254	56,653	6.13	2.41	23	0.5	4.4	3.9	4.2	3,066	1,382	6.03
All other farms	59	6.0	1.4	0.8	0.7	282	4,305	6.98	2.47	11	0.6	2.1	1.4	1.1	4,483	630	10.86
Area 2	3,010	22.4	100.0	100.0	100.0	247	691,418	7.01	2.84	260	1.3	100.0	100.0	100.0	2,725	27,004	4.88
All crop farms	906	26.4	30.1	35.9	35.2	252	248,540	7.17	2.84	54	1.0	20.8	24.5	23.6	2,837	6,823	5.23
All livestock farms	1,852	20.4	61.5	55.1	56.8	240	381,169	6.80	2.84	190	1.5	73.1	71.7	73.2	2,672	18,982	4.69
General crop and livestock farms	232	24.3	7.7	8.8	7.9	276	59,959	7.72	2.80	16	0.6	6.2	3.7	3.3	3,111	1,199	6.66
All other farms	20	4.3	0.7	0.2	0.1	545	1,750	15.91	2.92	...	...	...	...	...	...	...	...
Areas 3 and A	5,482	24.5	100.0	100.0	100.0	261	1,370,490	7.35	2.81	329	0.7	100.0	100.0	100.0	3,683	35,409	7.15
All crop farms	3,312	30.7	60.4	63.6	63.1	263	840,922	7.14	2.71	106	0.3	32.2	25.7	23.2	4,077	9,116	7.93
All livestock farms	1,537	15.2	28.0	23.0	22.8	263	349,978	8.21	3.12	158	1.0	48.0	51.5	59.0	3,213	20,033	6.85
General crop and livestock farms	603	26.1	11.0	12.3	12.9	249	165,410	6.89	2.77	59	0.8	17.9	12.8	14.6	3,227	4,620	6.40
All other farms	30	33.3	0.5	1.1	1.2	241	14,180	6.58	2.73	6	2.5	1.8	10.1	3.2	11,500	1,640	10.25
Area 4	1,523	15.8	100.0	100.0	100.0	236	248,721	6.22	2.63	223	1.8	100.0	100.0	100.0	2,551	23,793	5.08
All crop farms	221	24.1	14.5	23.3	23.9	230	64,400	6.74	2.93	6	0.2	2.7	2.1	1.8	2,941	325	3.82
All livestock farms	1,133	13.8	74.4	67.4	64.4	248	158,464	6.16	2.49	203	2.4	91.0	93.7	95.1	2,514	22,426	5.04
General crop and livestock farms	135	17.1	8.9	7.7	8.4	216	21,852	6.50	3.01	11	0.3	4.9	1.8	1.3	3,667	445	7.42
All other farms	34	16.2	2.2	1.6	3.3	113	4,005	3.01	2.67	3	1.0	1.3	2.3	1.8	3,333	597	7.11
Area 5	3,129	31.5	100.0	100.0	100.0	233	787,476	6.18	2.65	129	1.1	100.0	100.0	100.0	1,645	15,885	3.46
All crop farms	2,165	41.7	69.2	69.3	66.5	243	542,643	6.40	2.64	31	0.3	24.0	26.8	15.4	2,871	4,807	6.82
All livestock farms	668	19.1	21.3	21.4	24.0	208	166,201	5.44	2.61	67	2.1	51.9	60.5	73.2	1,360	8,520	2.54
General crop and livestock farms	235	32.0	7.5	8.4	8.5	230	71,941	6.64	2.88	30	1.5	23.3	12.6	11.0	1,881	2,550	5.05
All other farms	61	17.4	1.9	0.9	1.0	218	6,691	5.49	2.52	1	0.3	0.8	0.1	0.4	200	8	0.40
Area 6	4,461	38.8	100.0	100.0	100.0	272	1,174,387	7.75	2.85	150	1.3	100.0	100.0	100.0	2,495	30,719	6.14
All crop farms	3,241	50.9	72.7	74.4	73.9	273	897,519	8.02	2.93	41	0.8	27.3	28.8	33.3	2,157	8,991	5.40
All livestock farms	812	19.7	18.2	16.8	16.6	275	175,612	7.00	2.54	89	1.7	59.3	48.1	44.4	2,704	14,888	6.71
General crop and livestock farms	334	35.3	7.5	7.7	8.3	252	87,914	7.02	2.79	13	2.4	8.7	14.8	17.1	2,156	4,300	5.01
All other farms	74	24.0	1.7	1.2	1.3	254	13,342	6.93	2.73	7	3.2	4.7	8.3	5.2	4,000	2,540	9.77
Area 7a	15,978	36.8	100.0	100.0	100.0	229	5,048,084	7.44	3.25	564	0.9	100.0	100.0	100.0	3,089	86,982	5.53
All crop farms	15,201	37.5	95.1	94.3	94.4	229	4,755,978	7.42	3.25	471	0.7	83.5	83.7	79.6	3,252	71,457	5.72
All livestock farms	416	25.1	2.6	2.8	2.7	233	137,237	7.36	3.16	46	1.6	8.2	8.0	7.4	3,308	7,255	6.20
General crop and livestock farms	349	30.8	2.2	2.7	2.7	235	140,804	7.76	3.31	47	3.5	8.3	8.3	13.0	1,968	8,270	4.05
All other farms	12	48.7	0.1	0.2	0.2	240	14,065	10.70	4.45	...	...	...	...	...	...	...	...
Area 7b	3,761	44.5	100.0	100.0	100.0	207	2,476,583	7.54	3.65	94	0.5	100.0	100.0	100.0	3,734	38,149	10.44
All crop farms	3,366	45.8	89.5	92.5	93.9	204	2,338,284	7.58	3.72	36	0.2	38.3	30.9	44.5	2,591	11,351	6.97
All livestock farms	304	28.3	8.1	5.4	4.1	276	92,909	6.95	2.52	57	4.2	60.6	67.3	54.3	4,625	26,036	13.12
General crop and livestock farms	90	38.3	2.4	2.0	1.8	227	43,590	7.39	3.26	1	0.3	1.1	1.8	1.1	5,952	762	18.14
All other farms	1	74.4	(Z)	0.1	0.2	90	1,800	2.25	2.50	...	...	...	...	...	...	...	...
Area 8a	15,735	49.1	100.0	100.0	100.0	227	5,464,911	8.12	3.57	156	0.5	100.0	100.0	100.0	3,245	59,866	8.28
All crop farms	15,571	49.5	99.0	97.5	98.0	226	5,360,598	8.12	3.59	146	0.5	93.6	97.1	97.5	3,232	58,061	8.24
All livestock farms	98	34.5	0.6	1.6	1.1	325	64,959	8.45	2.60	10	0.8	6.4	2.9	2.5	3,722	1,805	10.03
General crop and livestock farms	66	34.8	0.4	0.9	0.9	238	39,354	6.76	2.84	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 8b	7,024	47.7	100.0	100.0	100.0	249	2,474,530	8.33	3.35	116	0.9	100.0	100.0	100.0	2,501	27,553	4.97
All crop farms	6,789	50.4	96.7	94.5	91.4	257	2,341,103	8.62	3.35	107	1.0	92.2	92.2	95.2	2,422	25,388	4.81
All livestock farms	178	27.7	2.5	3.1	5.5	141	76,048	4.64	3.29	8	0.4	6.9	5.2	4.2	3,064	1,985	8.45
General crop and livestock farms	45	38.0	0.6	2.2	2.9	189	54,654	6.35	3.35	...	...	...	...	...	...	...	...
All other farms	12	22.6	0.2	0.1	0.2	200	2,725	5.92	2.96	1	1.5	0.9	2.6	0.5	12,000	180	6.00

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
California, total	40,956	28.5	100.0	100.0	100.0	421	62,364,157	16.29	3.87	1,770	0.5	100.0	100.0	100.0	3,842	796,647	11.45
All crop farms	31,351	39.0	76.5	78.3	75.7	435	48,080,110	16.58	3.81	1,306	0.7	73.8	68.8	73.8	3,584	561,291	10.93
All livestock farms	5,444	8.1	13.3	6.1	9.1	283	3,279,346	9.37	3.32	294	0.2	16.6	8.6	14.3	2,311	87,841	8.82
General crop and livestock farms	2,672	35.1	6.5	14.2	14.4	414	10,047,012	18.17	4.39	112	0.5	6.3	21.2	10.7	7,619	125,260	16.83
All other farms	1,489	31.5	3.6	1.4	0.7	829	957,689	36.30	4.38	58	1.0	3.3	1.3	1.2	4,299	22,255	26.62
Area 1	780	10.0	100.0	100.0	100.0	370	294,715	11.46	3.10	93	0.6	100.0	100.0	100.0	2,061	23,629	14.99
All crop farms	335	25.4	42.9	39.4	39.6	368	138,095	13.57	3.69	5	0.7	5.4	9.2	19.0	1,000	1,800	6.00
All livestock farms	392	7.5	50.3	54.5	56.1	359	137,454	9.52	2.65	73	0.6	78.5	81.8	71.1	2,371	19,409	17.31
General crop and livestock farms	11	7.0	1.4	1.5	2.4	237	4,601	7.48	3.15	5	0.3	5.4	1.5	1.6	2,000	70	2.80
All other farms	42	3.5	5.4	4.6	1.9	888	14,565	29.54	3.33	10	0.9	10.8	7.4	8.2	1,846	2,350	18.08
Area 2	1,000	11.6	100.0	100.0	100.0	332	374,135	10.84	3.26	38	0.3	100.0	100.0	100.0	1,995	9,279	10.48
All crop farms	731	18.9	73.1	56.6	54.3	346	226,602	12.08	3.49	21	0.5	55.3	79.0	55.4	2,849	7,484	15.27
All livestock farms	229	8.0	22.9	36.5	41.0	295	115,853	8.18	2.77	17	0.2	44.7	21.0	44.6	937	1,795	4.54
General crop and livestock farms	19	5.9	1.9	2.5	2.8	303	10,015	10.39	3.43	...	...	...	...	...	...	...	...
All other farms	21	13.3	2.1	4.4	1.8	787	21,665	34.12	4.33	...	...	...	...	...	...	...	...
Areas A and B	3,467	17.9	100.0	100.0	100.0	622	3,770,935	24.88	4.00	109	0.8	100.0	100.0	100.0	3,067	51,108	7.33
All crop farms	2,825	30.2	81.5	87.1	82.3	658	3,252,765	26.08	3.97	63	1.2	57.8	85.2	72.7	3,595	41,226	8.13
All livestock farms	170	4.2	4.9	3.1	10.0	191	108,485	7.19	3.77	15	0.5	13.8	7.8	23.8	1,004	7,242	4.35
General crop and livestock farms	88	13.3	2.5	4.0	5.7	436	134,730	15.52	3.56	1	0.3	0.9	6.5	2.4	8,434	2,100	12.65
All other farms	384	46.5	11.1	5.9	2.0	1,801	274,955	89.30	4.96	30	1.1	27.5	0.4	1.1	1,200	540	7.20
Area 3	1,583	17.3	100.0	100.0	100.0	950	6,105,069	33.26	3.50	64	0.2	100.0	100.0	100.0	2,391	18,637	7.78
All crop farms	1,237	22.0	78.1	88.3	79.3	1,057	5,290,001	36.33	3.44	57	0.3	89.1	80.4	86.0	2,234	16,599	8.05
All livestock farms	171	5.1	10.8	2.1	8.3	242	131,060	8.58	3.55	7	0.1	10.9	19.6	14.0	3,355	2,038	6.08
General crop and livestock farms	153	21.3	9.7	9.2	11.7	751	659,018	30.75	4.09	...	...	...	...	...	...	...	...
All other farms	22	62.2	1.4	0.4	0.7	556	24,990	19.86	3.57	...	...	...	...	...	...	...	...
Areas 4 and C	4,493	30.2	100.0	100.0	100.0	258	6,697,103	9.50	3.69	135	0.3	100.0	100.0	100.0	4,261	62,027	10.04
All crop farms	3,279	39.3	73.0	78.8	82.0	248	5,439,009	9.41	3.80	66	0.2	48.9	34.5	38.0	3,867	25,159	10.72
All livestock farms	754	7.2	16.8	5.0	6.0	215	271,238	6.46	3.01	31	0.2	23.0	6.8	16.7	1,733	5,957	5.76
General crop and livestock farms	425	29.6	9.5	15.6	11.4	353	936,710	11.70	3.31	38	1.0	28.1	58.7	45.2	5,529	30,911	11.07
All other farms	35	60.9	0.8	0.6	0.7	229	50,146	10.06	4.40	...	...	...	...	...	...	...	...
Areas 5 and D	5,333	24.2	100.0	100.0	100.0	385	5,066,137	13.24	3.44	359	1.0	100.0	100.0	100.0	3,668	161,660	9.76
All crop farms	3,373	36.2	63.2	73.8	66.4	428	3,857,487	15.19	3.55	239	1.6	66.6	68.4	68.8	3,649	104,400	9.16
All livestock farms	1,503	11.2	28.2	14.4	19.8	280	581,555	7.68	2.74	81	0.4	22.6	9.9	18.1	2,005	29,932	9.99
General crop and livestock farms	426	25.9	8.0	11.7	13.6	332	615,435	11.85	3.57	38	1.0	10.6	21.0	12.5	6,154	23,828	11.46
All other farms	31	49.2	0.6	0.1	0.2	241	11,660	14.34	5.95	1	6.1	0.3	0.7	0.6	4,000	3,500	35.00
Areas 6 and E	10,391	36.2	100.0	100.0	100.0	365	19,765,103	14.35	3.93	701	0.8	100.0	100.0	100.0	4,508	393,255	13.17
All crop farms	8,920	43.0	85.8	80.1	83.0	352	14,959,965	13.08	3.72	643	1.0	91.7	74.0	85.8	3,889	306,654	11.98
All livestock farms	767	7.0	7.4	3.4	3.7	340	544,992	10.81	3.18	35	0.3	5.0	6.8	7.6	4,082	20,575	9.19
General crop and livestock farms	677	42.8	6.5	16.3	13.2	450	4,244,246	23.26	5.17	23	0.5	3.3	19.2	6.7	12,841	66,026	32.78
All other farms	27	51.1	0.3	0.1	0.1	630	15,900	16.37	2.60	...	...	...	...	...	...	...	...
Areas 7, F, G, and H	9,580	26.4	100.0	100.0	100.0	665	9,037,759	26.70	4.01	197	0.2	100.0	100.0	100.0	2,264	41,250	14.83
All crop farms	7,777	38.7	81.2	86.5	80.8	712	7,845,164	28.69	4.03	161	0.3	81.7	80.4	82.0	2,221	38,647	16.95
All livestock farms	649	7.6	6.8	4.6	8.8	346	337,671	11.29	3.26	29	(Z)	14.7	2.9	4.4	1,504	653	5.40
General crop and livestock farms	297	14.6	3.1	3.7	6.9	355	339,684	14.58	4.11	1	0.2	0.5	15.9	10.8	3,333	1,700	5.67
All other farms	857	48.9	8.9	5.3	3.5	991	515,240	43.12	4.35	6	0.3	3.0	0.8	2.9	625	250	3.12
Area 8	2,770	61.3	100.0	100.0	100.0	458	10,434,401	19.72	4.30	32	0.1	100.0	100.0	100.0	2,220	11,417	10.30
All crop farms	1,993	63.0	71.9	62.8	55.3	521	6,518,580	22.26	4.28	26	0.2	81.2	93.9	94.1	2,215	10,792	10.35
All livestock farms	297	40.2	10.7	7.8	11.2	318	862,907	14.52	4.56	...	...	...	...	...	...	...	...
General crop and livestock farms	469	70.9	16.9	29.3	33.4	403	3,047,189	17.25	4.28	6	(Z)	18.8	6.1	5.9	2,308	625	9.62
All other farms	11	19.5	0.4	0.1	(Z)	623	5,725	24.78	3.98	...	...	...	...	...	...	...	...
Area 9	1,559	9.3	100.0	100.0	100.0	231	818,800	8.08	3.49	42	0.1	100.0	100.0	100.0	3,777	24,385	19.54
All crop farms	881	27.3	56.5	63.4	58.1	252	552,442	9.38	3.72	25	0.3	59.5	38.8	59.3	2,473	8,530	11.53
All livestock farms	512	4.3	32.8	27.0	33.2	188	188,131	5.59	2.97	6	(Z)	14.3	1.5	4.6	1,228	240	4.21
General crop and livestock farms	107	8.7	6.9	6.4	6.8	220	55,384	8.07	3.67	...	...	...	...	...	...	...	...
All other farms	59	10.5	3.8	3.2	1.9	381	22,843	11.60	3.05	11	2.4	26.2	59.7	36.1	6,239	15,615	34.62
Colorado, total	8,981	3.8	100.0	100.0	100.0	216	3,869,000	9.32	4.31	66	(Z)	100.0	100.0	100.0	1,596	5,655	5.68
All crop farms	3,228	3.3	35.9	37.6	36.5	223	1,479,652	9.77	4.38	26	(Z)	39.4	44.6	46.2	1,539	2,085	4.53
All livestock farms	3,554	3.4	39.6	38.0	41.9	196	1,439,293	8.27	4.21	20	(Z)	30.3	47.9	50.3	1,520	3,020	6.04
General crop and livestock farms	2,012	7.8	22.4	22.6	21.4	228	889,854	10.00	4.39	...	...	...	...	...	...	...	...
All other farms	187	7.1	2.1	1.8	0.1	2,662	60,201	99.67	3.74	20	0.4	30.3	7.6	3.5	3,429	550	15.71
Area 1	301	1.3	100.0	100.0	100.0	169	77,745	7.14	4.21	...	...	...	...	...	...	...	...
All crop farms	28	0.6	9.3	8.2	6.7	209	5,809	7.99	3.82	...	...	...	...	...	...	...	...
All livestock farms	243	1.5	80.7	85.2	87.3	165	67,003	7.04	4.26	...	...	...	...	...	...	...	...
General crop and livestock farms	30	0.8	10.0	6.6	6.0	185	4,933	7.50	4.04	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2a	1,975	9.2	100.0	100.0	100.0	240	587,550	9.99	4.16	...	...	...	...	...	...	...	...
All crop farms	911	8.3	46.1	42.6	37.2	275	257,539	11.79	4.29	...	...	...	...	...	...	...	...
All livestock farms	679	8.1	34.4	37.6	41.1	220	212,944	8.81	4.01	...	...	...	...	...	...	...	...
General crop and livestock farms	384	15.7	19.4	19.8	21.7	219	117,037	9.15	4.18	...	...	...	...	...	...	...	...
All other farms	1	1.5	0.1	...	(Z)	(Z)	30	3.00	(Z)	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer								Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Colorado—Continued																	
Area 2b	528	6.5	100.0	100.0	100.0	276	410,307	11.27	4.08	21	0.1	100.0	100.0	100.0	1,766	4,385	6.75
All crop farms	356	14.3	67.4	75.0	70.2	295	304,212	11.90	4.03	16	0.2	76.2	56.4	61.5	1,620	1,885	4.71
All livestock farms	102	2.3	19.3	15.9	20.2	217	67,049	9.10	4.19	5	0.1	23.8	43.6	38.5	2,000	2,500	10.00
General crop and livestock farms	70	6.3	13.3	9.1	9.5	264	39,046	11.23	4.25	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 3	4,199	9.6	100.0	100.0	100.0	209	2,065,111	9.32	4.47	5	(Z)	100.0	100.0	100.0	4,000	50	10.00
All crop farms	1,273	6.8	30.3	31.7	32.6	203	687,836	9.54	4.70	...	...	...	...	...	...	...	...
All livestock farms	1,838	10.1	43.8	41.8	42.8	204	822,847	8.67	4.26	...	...	...	...	...	...	...	...
General crop and livestock farms	1,063	17.5	25.3	26.3	24.5	223	550,278	10.12	4.53	...	...	...	...	...	...	...	...
All other farms	25	16.3	0.6	0.2	0.1	606	4,150	25.15	4.15	5	0.5	100.0	100.0	100.0	4,000	50	10.00
Areas 4 and A	1,108	1.1	100.0	100.0	100.0	159	341,408	6.44	4.05	40	(Z)	100.0	100.0	100.0	1,235	1,220	3.59
All crop farms	439	0.9	39.6	41.3	41.7	158	132,137	5.98	3.79	10	(Z)	25.0	14.3	17.6	1,000	200	3.33
All livestock farms	417	1.2	37.6	32.8	48.5	107	124,589	4.84	4.51	15	(Z)	37.5	61.9	73.5	1,040	520	2.08
General crop and livestock farms	91	1.4	8.2	8.0	9.0	142	28,661	6.04	4.25	...	...	...	...	...	...	...	...
All other farms	161	16.8	14.6	17.9	0.8	3,443	56,021	127.90	3.71	15	1.1	37.5	23.8	8.8	3,333	500	16.67
Area 5	870	2.0	100.0	100.0	100.0	265	386,879	11.19	4.22	...	...	...	...	...	...	...	...
All crop farms	221	1.6	25.4	21.3	26.3	215	92,119	10.14	4.72	...	...	...	...	...	...	...	...
All livestock farms	275	1.5	31.6	39.3	36.1	288	144,861	11.60	4.03	...	...	...	...	...	...	...	...
General crop and livestock farms	374	4.8	43.0	39.5	37.6	278	149,899	11.53	4.14	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Connecticut, total	4,545	35.7	100.0	100.0	100.0	897	4,169,205	28.92	3.22	2,406	8.9	100.0	100.0	100.0	2,168	302,613	8.42
All crop farms	1,213	62.8	26.7	59.2	27.7	1,920	2,678,246	67.13	3.50	486	13.1	20.2	14.1	23.2	1,317	52,525	6.30
All livestock farms	2,953	30.6	65.0	36.7	68.5	481	1,325,269	13.43	2.79	1,762	8.0	73.2	79.8	71.7	2,412	230,117	8.93
General crop and livestock farms	146	29.5	3.2	2.5	2.5	910	97,170	26.97	2.96	61	8.6	2.5	3.0	2.9	2,220	9,235	8.84
All other farms	233	40.8	5.1	1.5	1.3	1,007	68,520	35.30	3.51	97	16.1	4.0	3.1	2.1	3,146	10,736	13.98
Areas 1 and A	1,010	32.7	100.0	100.0	100.0	437	444,356	11.86	2.71	590	7.3	100.0	100.0	100.0	2,388	64,575	7.73
All crop farms	51	34.8	5.0	4.7	4.7	436	22,590	12.76	2.93	26	8.6	4.4	3.4	5.2	1,563	2,410	5.54
All livestock farms	842	33.1	83.4	92.3	93.6	431	407,406	11.61	2.70	534	7.4	90.5	95.7	94.0	2,430	61,450	7.83
General crop and livestock farms	30	23.2	3.0	1.3	1.1	530	5,375	13.44	2.54	5	0.9	0.8	0.4	0.2	4,667	340	22.67
All other farms	87	13.3	8.6	1.7	0.6	1,336	8,985	42.58	3.19	25	3.1	4.2	0.6	0.6	2,200	375	7.50
Areas B and C	2,023	46.9	100.0	100.0	100.0	1,339	2,962,216	46.39	3.46	981	12.0	100.0	100.0	100.0	1,783	120,555	7.39
All crop farms	1,009	65.8	49.9	79.0	48.9	2,165	2,409,696	77.25	3.57	392	14.0	40.0	26.7	40.8	1,168	38,515	5.79
All livestock farms	853	36.8	42.2	17.3	47.0	493	447,040	14.89	3.02	503	10.3	51.3	61.5	51.3	2,134	68,200	8.14
General crop and livestock farms	60	28.7	3.0	2.3	2.3	1,337	60,375	41.49	3.10	30	12.7	3.1	4.2	4.0	1,907	4,200	6.51
All other farms	101	62.2	5.0	1.4	1.8	1,024	45,105	38.22	3.73	56	33.7	5.7	7.6	3.9	3,453	9,640	15.06
Area 2	1,512	28.0	100.0	100.0	100.0	641	762,633	17.80	2.78	835	7.4	100.0	100.0	100.0	2,563	117,483	10.43
All crop farms	153	62.9	10.1	30.2	16.2	1,194	245,960	35.48	2.97	68	11.3	8.1	8.8	11.1	2,024	11,600	9.28
All livestock farms	1,258	24.9	83.2	64.1	78.5	523	470,823	14.01	2.68	725	7.1	86.8	87.4	84.8	2,641	100,467	10.52
General crop and livestock farms	56	32.4	3.7	4.1	4.1	641	31,420	17.97	2.81	26	7.1	3.1	3.5	3.4	2,649	4,695	12.19
All other farms	45	43.4	3.0	1.7	1.3	844	14,430	26.24	3.11	16	6.2	1.9	0.3	0.7	1,231	721	9.24
Delaware, total (Areas 1 and A)	4,063	62.0	100.0	100.0	100.0	479	3,788,406	12.45	2.60	1,345	9.6	100.0	100.0	100.0	1,605	298,547	6.36
All crop farms	1,311	66.6	32.3	47.1	37.9	596	1,795,151	15.59	2.61	440	10.5	32.7	39.5	38.6	1,644	131,840	7.28
All livestock farms	2,358	58.9	58.0	39.2	49.0	383	1,494,075	10.02	2.61	754	9.8	56.1	51.9	52.7	1,580	137,846	5.57
General crop and livestock farms	355	65.5	8.7	12.2	12.1	485	442,055	12.06	2.48	148	7.0	11.0	8.1	8.3	1,573	26,491	6.80
All other farms	39	38.4	1.0	1.5	1.1	655	57,125	17.30	2.64	3	2.5	0.2	0.5	0.5	1,667	2,370	10.97
Florida, total	28,429	53.9	100.0	100.0	100.0	938	49,549,535	23.09	2.46	6,095	10.8	100.0	100.0	100.0	1,598	2,717,065	6.32
All crop farms	20,574	61.3	72.4	81.7	60.8	1,260	41,141,102	31.51	2.50	4,312	12.7	70.7	67.4	63.0	1,710	1,945,002	7.19
All livestock farms	4,367	43.9	15.4	11.4	28.3	377	5,281,488	8.70	2.31	1,197	9.5	19.6	26.6	30.5	1,391	618,942	4.72
General crop and livestock farms	2,155	53.1	7.6	4.1	8.3	466	1,743,598	9.76	2.10	350	4.4	5.7	3.1	3.4	1,438	76,435	5.21
All other farms	1,333	42.0	4.7	2.8	2.6	1,010	1,383,347	24.99	2.47	236	10.1	3.9	3.0	3.1	1,546	76,686	5.75
Area 1	2,238	75.1	100.0	100.0	100.0	470	1,555,010	9.20	1.96	402	4.9	100.0	100.0	100.0	1,686	69,034	6.30
All crop farms	938	83.3	41.9	42.1	40.9	484	678,017	9.82	2.03	113	3.7	28.1	25.5	28.1	1,531	19,263	6.25
All livestock farms	765	64.8	34.2	31.6	33.3	453	492,035	8.73	1.96	163	6.4	40.5	53.4	50.5	1,783	34,986	6.33
General crop and livestock farms	440	81.6	19.7	23.9	23.5	479	348,667	8.79	1.83	110	4.2	27.4	17.9	18.7	1,622	12,627	6.17
All other farms	95	59.8	4.2	2.3	2.3	467	36,291	9.20	1.97	16	4.6	4.0	3.1	2.8	1,901	2,158	7.10
Areas 2 and A	1,342	39.3	100.0	100.0	100.0	945	2,099,462	21.71	2.30	316	9.6	100.0	100.0	100.0	1,754	144,554	6.11
All crop farms	651	55.6	48.5	65.9	40.3	1,546	1,442,382	37.05	2.40	101	7.6	32.0	19.6	22.5	1,531	40,335	7.58
All livestock farms	456	34.3	34.0	26.1	49.0	503	489,963	10.34	2.05	168	11.4	53.2	70.3	66.7	1,851	89,052	5.65
General crop and livestock farms	101	27.2	7.5	4.6	6.2	703	100,863	16.94	2.41	17	3.7	5.4	3.0	3.4	1,506	3,897	4.79
All other farms	134	28.4	10.0	3.4	4.6	706	66,254	14.94	2.12	30	11.2	9.5	7.1	7.4	1,676	11,270	6.45
Area 3	8,534	43.4	100.0	100.0	100.0	454	5,655,994	10.87	2.39	688	2.6	100.0	100.0	100.0	1,341	133,261	4.35
All crop farms	5,875	41.2	68.8	59.9	55.7	489	3,658,184	12.63	2.58	320	1.7	46.5	38.7	39.0	1,332	54,235	4.54
All livestock farms	1,135	42.6	13.3	18.2	20.4	405	911,271	8.57	2.12	203	5.3	29.5	43.5	42.9	1,359	54,759	4.17
General crop and livestock farms	1,429	53.3	16.7	19.2	21.7	403	948,550	8.42	2.09	156	2.4	22.7	15.9	16.8	1,271	21,237	4.14
All other farms	95	32.2	1.1	2.7	2.2	553	137,989	11.79	2.13	9	1.2	1.3	1.9	1.4	1,857	3,030	7.21
Area 4	1,873	63.5	100.0	100.0	100.0	984	4,160,542	24.52	2.49	483	15.4	100.0	100.0	100.0	1,415	243,455	5.93
All crop farms	1,504	69.2	80.3	83.1	59.5	1,375	3,408,659	33.78	2.46	351	18.6	72.7	59.5	66.0	1,277	157,141	5.80
All livestock farms	195	58.1	10.4	11.4	37.2	302	530,439	8.40	2.78	89	11.8	18.4	37.0	31.2	1,676	78,685	6.13
General crop and livestock farms	11	36.4	0.6	1.0	0.5	1,884	46,500	54.07	2.87	6	16.3	1.2	1.1	0.9	1,688	1,725	4.48
All other farms	163	45.3	8.7	4.5	2.8	1,569	174,944	36.49	2.33	37	7.2	7.7	2.3	1.9	1,773	5,904	7.72

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Florida—Continued																	
Areas 5 and B	11,937	58.7	100.0	100.0	100.0	1,306	24,971,541	32.24	2.47	3,678	19.4	100.0	100.0	100.0	1,659	1,699,036	6.64
All crop farms	10,143	72.6	85.0	91.1	74.6	1,595	22,855,248	39.58	2.48	3,107	23.8	84.5	79.8	74.1	1,787	1,411,421	7.45
All livestock farms	1,226	37.5	10.3	6.3	21.8	381	1,446,960	8.58	2.25	423	12.6	11.5	16.8	22.2	1,258	233,883	4.12
General crop and livestock farms	153	30.1	1.3	1.0	1.8	731	225,044	16.45	2.25	53	12.2	1.4	1.9	2.2	1,451	31,997	5.80
All other farms	415	52.4	3.5	1.6	1.9	1,114	444,289	30.35	2.72	95	14.1	2.6	1.5	1.5	1,595	21,735	5.53
Areas 6 and C	2,505	57.6	100.0	100.0	100.0	1,028	11,106,986	26.68	2.60	528	9.4	100.0	100.0	100.0	1,525	427,725	6.31
All crop farms	1,463	69.1	58.4	81.9	55.2	1,526	9,098,612	39.62	2.60	320	10.1	60.6	58.7	49.7	1,803	262,607	7.81
All livestock farms	590	47.3	23.6	12.6	39.6	326	1,410,820	8.56	2.63	151	7.8	28.6	31.6	40.1	1,201	127,577	4.69
General crop and livestock farms	21	85.5	0.8	0.7	1.4	512	73,974	12.53	2.45	8	11.2	1.5	1.3	1.1	1,768	4,952	6.39
All other farms	431	45.6	17.2	4.8	3.8	1,303	523,580	33.05	2.54	49	17.7	9.3	8.4	9.1	1,410	32,589	5.29
Georgia, total	94,536	68.5	100.0	100.0	100.0	402	50,202,328	8.87	2.21	11,750	4.0	100.0	100.0	100.0	1,512	1,473,367	4.51
All crop farms	61,600	73.4	65.2	56.3	55.4	408	28,150,036	8.97	2.20	4,440	2.3	37.8	30.6	30.8	1,503	460,750	4.59
All livestock farms	18,761	57.9	19.8	20.8	22.3	376	10,534,731	8.36	2.22	4,984	6.8	42.4	46.2	45.5	1,534	657,921	4.43
General crop and livestock farms	12,486	73.0	13.2	20.7	20.2	412	10,456,800	9.13	2.22	1,968	4.0	16.7	19.1	19.4	1,488	285,049	4.49
All other farms	1,689	49.8	1.8	2.2	2.1	413	1,060,761	8.94	2.17	358	5.8	3.0	4.1	4.3	1,464	69,647	5.02
Areas 1 and A	5,065	51.8	100.0	100.0	100.0	393	1,623,497	8.09	2.06	909	5.0	100.0	100.0	100.0	2,425	99,540	5.14
All crop farms	3,269	55.4	64.5	57.7	54.3	417	952,560	8.73	2.09	293	2.3	32.2	21.8	23.7	2,225	21,305	4.64
All livestock farms	1,446	47.1	28.5	32.7	35.6	360	520,426	7.28	2.02	508	8.0	55.9	66.2	62.8	2,555	65,096	5.35
General crop and livestock farms	273	60.3	5.4	8.5	8.9	378	131,276	7.36	1.95	74	7.5	8.1	10.1	11.5	2,137	11,497	5.17
All other farms	77	25.9	1.5	1.0	1.2	350	19,235	8.18	2.33	34	4.3	3.7	1.9	2.0	2,356	1,642	4.23
Area 2	2,971	50.9	100.0	100.0	100.0	388	447,428	8.74	2.25	619	8.1	100.0	100.0	100.0	2,183	40,705	4.98
All crop farms	555	63.3	18.7	22.6	18.9	464	95,807	9.88	2.13	68	5.3	11.0	12.7	10.0	2,775	6,002	7.34
All livestock farms	2,122	49.0	71.4	66.9	69.3	375	303,065	8.54	2.28	509	9.4	82.2	76.9	83.2	2,017	32,212	4.74
General crop and livestock farms	221	58.7	7.4	8.9	10.0	345	40,995	7.99	2.32	36	5.8	5.8	10.1	6.2	3,529	2,358	4.62
All other farms	73	21.7	2.5	1.6	1.8	348	7,561	8.33	2.39	6	1.1	1.0	0.3	0.6	1,111	133	2.96
Areas 3 and B	10,598	54.2	100.0	100.0	100.0	401	2,765,704	8.76	2.19	1,174	5.1	100.0	100.0	100.0	1,403	126,637	4.28
All crop farms	5,155	65.7	48.6	53.4	50.6	423	1,466,427	9.18	2.17	256	2.9	21.8	19.6	24.1	1,142	21,961	3.07
All livestock farms	4,771	45.8	45.0	37.2	41.0	364	1,036,320	8.02	2.20	805	6.0	68.6	63.2	57.3	1,548	81,079	4.78
General crop and livestock farms	402	55.5	3.8	7.9	6.9	460	223,736	10.27	2.23	66	10.8	5.6	12.1	14.4	1,187	15,862	3.73
All other farms	270	26.9	2.5	1.5	1.5	390	39,221	8.12	2.08	47	7.0	4.0	5.0	4.2	1,660	7,735	6.18
Area 4a	11,008	63.8	100.0	100.0	100.0	420	4,946,216	9.07	2.16	1,440	5.4	100.0	100.0	100.0	1,480	206,375	4.45
All crop farms	8,792	69.0	79.9	65.4	61.5	447	3,248,638	9.68	2.17	533	2.3	37.0	27.6	23.9	1,708	61,125	5.52
All livestock farms	1,489	58.8	13.5	24.2	27.1	376	1,156,498	7.82	2.08	681	9.8	47.3	48.6	52.9	1,359	97,724	3.98
General crop and livestock farms	544	58.0	4.9	8.9	9.6	392	469,180	8.99	2.29	183	9.9	12.7	20.0	19.1	1,549	38,846	4.38
All other farms	183	37.0	1.7	1.5	1.8	334	71,900	7.16	2.14	43	6.9	3.0	3.8	4.0	1,393	8,680	4.63
Area 4b	4,864	47.9	100.0	100.0	100.0	348	1,876,889	7.56	2.17	986	6.4	100.0	100.0	100.0	1,300	127,245	3.86
All crop farms	3,084	64.8	63.4	46.9	45.8	357	898,323	7.91	2.21	155	2.6	15.7	13.8	13.8	1,303	17,808	3.92
All livestock farms	1,354	41.9	27.8	40.5	41.5	340	738,019	7.17	2.11	705	9.0	71.5	70.5	67.1	1,365	87,545	3.96
General crop and livestock farms	283	38.1	5.8	9.8	9.2	374	190,963	8.39	2.25	90	4.8	9.1	9.8	8.6	1,473	12,663	4.46
All other farms	143	24.0	2.9	2.8	3.6	269	49,584	5.61	2.08	36	9.4	3.7	5.9	10.5	734	9,229	2.67
Areas 5, C, and D	3,507	62.1	100.0	100.0	100.0	353	2,122,663	7.99	2.26	512	3.1	100.0	100.0	100.0	1,833	68,645	5.13
All crop farms	2,421	70.2	69.0	60.7	58.9	364	1,255,967	8.03	2.20	198	2.1	38.7	31.4	34.2	1,684	19,417	4.25
All livestock farms	623	51.7	17.8	21.3	22.2	340	455,090	7.72	2.27	190	5.3	37.1	46.9	45.2	1,900	32,189	5.32
General crop and livestock farms	320	59.5	9.1	14.3	15.8	319	335,879	8.01	2.51	94	2.7	18.4	13.5	14.0	1,761	9,330	4.97
All other farms	143	41.1	4.1	3.7	3.2	405	75,727	8.93	2.21	30	4.2	5.9	8.2	6.5	2,302	7,709	8.81
Area 6	9,899	71.2	100.0	100.0	100.0	335	6,507,873	7.69	2.30	800	2.0	100.0	100.0	100.0	1,305	103,040	4.33
All crop farms	7,467	71.9	75.4	63.9	64.3	333	4,156,291	7.65	2.30	424	1.6	53.0	45.3	49.7	1,188	43,037	3.64
All livestock farms	1,363	67.0	13.8	19.3	19.6	331	1,237,773	7.48	2.26	242	2.8	30.3	30.5	28.7	1,387	31,947	4.68
General crop and livestock farms	956	72.8	9.7	14.8	14.2	348	984,192	8.17	2.34	111	2.4	13.9	18.7	17.0	1,438	22,616	5.60
All other farms	113	79.1	1.1	1.9	1.9	334	129,617	7.92	2.37	23	5.2	2.9	5.5	4.5	1,578	5,440	5.06
Area 7a	6,504	69.7	100.0	100.0	100.0	389	5,308,411	8.83	2.27	761	3.8	100.0	100.0	100.0	1,473	152,510	4.63
All crop farms	4,908	73.3	75.5	58.0	59.0	382	2,999,654	8.45	2.21	383	2.3	50.3	35.8	33.4	1,577	52,106	4.73
All livestock farms	707	61.0	10.9	19.0	18.7	395	1,011,560	8.99	2.28	209	6.5	27.5	36.7	36.5	1,480	58,909	4.89
General crop and livestock farms	825	69.6	12.7	22.0	21.2	404	1,244,223	9.77	2.42	148	5.1	19.4	25.5	28.5	1,318	38,396	4.08
All other farms	64	60.1	1.0	1.1	1.1	397	52,974	8.25	2.08	21	4.7	2.8	2.0	1.5	1,948	3,099	6.17
Area 7b	15,842	75.7	100.0	100.0	100.0	409	11,104,804	8.56	2.09	2,217	4.3	100.0	100.0	100.0	1,427	322,524	4.40
All crop farms	9,763	78.1	61.6	50.2	50.2	409	5,593,783	8.60	2.10	1,063	3.5	47.9	40.3	39.6	1,453	136,757	4.71
All livestock farms	1,808	64.4	11.4	14.6	15.6	384	1,608,196	7.94	2.07	461	7.3	20.8	29.9	31.1	1,369	90,806	3.98
General crop and livestock farms	4,118	79.3	26.0	32.7	32.4	414	3,639,359	8.67	2.09	667	3.8	30.1	27.7	27.4	1,441	88,136	4.39
All other farms	153	65.5	1.0	2.5	1.9	537	263,466	10.79	2.01	26	3.6	1.2	2.1	1.8	1,645	6,825	5.13
Area 8	20,572	81.4	100.0	100.0	100.0	456	11,796,327	10.41	2.28	1,830	2.5	100.0	100.0	100.0	1,401	161,836	4.57
All crop farms	13,669	83.1	66.4	55.8	54.6	466	6,484,175	10.49	2.25	831	1.7	45.4	35.7	34.8	1,436	58,245	4.72
All livestock farms	2,422	78.5	11.8	16.5	17.4	431	2,113,700	10.71	2.48	513	5.4	28.0	34.3	38.2	1,259	56,007	4.14
General crop and livestock farms	4,183	81.1	20.3	25.6	25.6	455	2,947,225	10.15	2.23	438	2.1	23.9	24.2	21.6	1,567	37,031	4.83
All other farms	298	69.7	1.4	2.2	2.4	420	251,227	9.33	2.22	48	4.9	2.6	5.8	5.4	1,511	10,553	5.53
Areas 9 and E	3,706	67.7	100.0	100.0	100.0	475	1,702,516	10.86	2.29	502	4.8	100.0	100.0	100.0	1,575	64,310	5.79
All crop farms	2,517	72.0	67.9	58.5	55.0	505	998,411	11.58	2.29	236	3.0	47.0	37.3	32.0	1,836	22,987	6.47
All livestock farms	656	57.9	17.7	20.8	23.2	427	354,084	9.75	2.29	161	7.5	32.1	35.1	42.3	1,307	24,407	5.20
General crop and livestock farms	361	73.4	9.7	14.9	16.1	440	249,772	9.93	2.25	61	4.9	12.2	14.1	15.2	1,460	8,314	4.93
All other farms	172	60.9	4.6	5.8	5.7	478	100,249	11.13	2.33	44	7.9	8.8	13.5	10.5	2,111	8,602	7.38

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Idaho, total	16,361	16.9	100.0	100.0	100.0	234	8,315,520	8.86	3.79	...	...	...	...	...	...	...	...
All crop farms	7,891	17.8	48.2	61.1	61.6	232	5,194,068	8.99	3.87	...	...	...	...	...	...	...	...
All livestock farms	4,104	11.0	25.1	16.0	16.8	223	1,225,131	7.77	3.49	...	...	...	...	...	...	...	...
General crop and livestock farms	4,287	23.6	26.2	22.6	21.4	247	1,878,572	9.35	3.78	...	...	...	...	...	...	...	...
All other farms	79	10.4	0.5	0.2	0.2	236	17,749	8.69	3.68	...	...	...	...	...	...	...	...
Area 1	1,322	10.4	100.0	100.0	100.0	145	479,180	5.07	3.50	...	...	...	...	...	...	...	...
All crop farms	558	15.3	42.2	55.9	65.1	125	284,958	4.64	3.72	...	...	...	...	...	...	...	...
All livestock farms	505	5.1	38.2	28.3	21.1	195	121,696	6.11	3.13	...	...	...	...	...	...	...	...
General crop and livestock farms	237	11.1	17.9	15.2	13.1	168	70,192	5.66	3.36	...	...	...	...	...	...	...	...
All other farms	22	7.1	1.7	0.6	0.7	118	2,334	3.64	3.07	...	...	...	...	...	...	...	...
Area 2	1,567	25.2	100.0	100.0	100.0	116	958,514	5.15	4.43	...	...	...	...	...	...	...	...
All crop farms	1,187	25.7	75.7	88.9	89.1	116	859,137	5.18	4.47	...	...	...	...	...	...	...	...
All livestock farms	257	20.2	16.4	6.9	6.9	117	64,391	5.04	4.32	...	...	...	...	...	...	...	...
General crop and livestock farms	96	30.2	6.1	3.7	3.5	124	31,696	4.86	3.91	...	...	...	...	...	...	...	...
All other farms	27	11.5	1.7	0.5	0.5	109	3,290	3.46	3.16	...	...	...	...	...	...	...	...
Area 3a	3,962	21.5	100.0	100.0	100.0	436	2,113,369	15.09	3.46	...	...	...	...	...	...	...	...
All crop farms	1,229	35.0	31.0	53.2	40.0	580	1,168,808	20.84	3.59	...	...	...	...	...	...	...	...
All livestock farms	1,646	13.0	41.5	23.3	31.2	325	430,254	9.84	3.03	...	...	...	...	...	...	...	...
General crop and livestock farms	1,067	26.0	26.9	23.0	28.4	352	502,482	12.61	3.58	...	...	...	...	...	...	...	...
All other farms	20	23.1	0.5	0.5	0.3	665	11,825	26.57	3.99	...	...	...	...	...	...	...	...
Area 3b	4,685	28.6	100.0	100.0	100.0	255	2,370,902	9.30	3.65	...	...	...	...	...	...	...	...
All crop farms	2,183	31.3	46.6	55.5	51.7	274	1,280,705	9.72	3.55	...	...	...	...	...	...	...	...
All livestock farms	894	18.2	19.1	14.8	17.4	217	367,066	8.29	3.82	...	...	...	...	...	...	...	...
General crop and livestock farms	1,598	34.8	34.1	29.7	30.9	245	722,831	9.17	3.74	...	...	...	...	...	...	...	...
All other farms	10	11.1	0.2	(Z)	(Z)	1,200	300	60.00	5.00	...	...	...	...	...	...	...	...
Area 4	4,825	11.1	100.0	100.0	100.0	220	2,393,555	9.11	4.13	...	...	...	...	...	...	...	...
All crop farms	2,734	10.0	56.7	66.6	61.8	238	1,600,460	9.86	4.15	...	...	...	...	...	...	...	...
All livestock farms	802	9.2	16.6	10.3	14.1	161	241,724	6.54	4.07	...	...	...	...	...	...	...	...
General crop and livestock farms	1,289	18.8	26.7	23.1	24.1	211	551,371	8.70	4.12	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Illinois, total	104,142	33.1	100.0	100.0	100.0	265	57,092,991	7.34	2.77	40,614	4.7	100.0	100.0	100.0	4,469	8,447,557	7.70
All crop farms	52,225	33.6	50.1	56.5	56.6	265	32,567,001	7.39	2.79	19,616	4.4	48.3	52.0	52.1	4,456	4,492,108	7.85
All livestock farms	39,677	32.2	38.1	34.4	33.9	269	19,438,721	7.36	2.74	16,244	5.2	40.0	38.7	38.9	4,442	3,198,775	7.50
General crop and livestock farms	11,635	33.6	11.2	8.8	9.4	248	4,863,384	6.67	2.69	4,657	4.5	11.5	9.2	8.9	4,596	746,409	7.61
All other farms	605	41.2	0.6	0.3	0.1	719	223,885	24.96	3.47	97	5.3	0.2	0.1	0.1	4,941	10,265	8.88
Areas 1, A, and B	12,433	37.4	100.0	100.0	100.0	238	6,240,141	6.70	2.82	3,787	4.3	100.0	100.0	100.0	5,131	740,614	6.99
All crop farms	2,950	43.5	23.7	30.4	31.1	232	2,021,788	6.96	3.00	747	3.8	19.7	23.5	23.8	5,067	178,143	7.06
All livestock farms	7,956	35.6	64.0	60.2	58.7	244	3,643,138	6.66	2.73	2,525	4.3	66.7	62.3	62.3	5,137	462,781	7.01
General crop and livestock farms	1,502	32.8	12.1	9.3	10.1	219	568,660	6.06	2.77	515	5.2	13.6	14.2	13.9	5,212	99,690	6.74
All other farms	25	56.6	0.2	0.1	0.1	235	6,555	7.13	3.03	...	...	...	...	...	...	...	...
Areas 2 and C	8,401	44.4	100.0	100.0	100.0	265	4,559,852	7.56	2.86	2,393	4.3	100.0	100.0	100.0	3,577	308,368	5.33
All crop farms	2,826	46.4	33.6	40.2	36.9	288	1,822,381	8.18	2.84	671	3.5	28.0	35.2	28.9	4,357	103,231	6.19
All livestock farms	4,564	43.7	54.3	50.2	54.5	243	2,248,435	6.83	2.81	1,505	4.9	62.9	54.9	63.3	3,101	176,167	4.82
General crop and livestock farms	608	41.2	7.2	7.2	8.0	238	351,451	7.31	3.08	166	3.7	6.9	9.7	7.6	4,602	27,615	6.32
All other farms	403	36.5	4.8	2.4	0.6	1,130	137,585	39.79	3.52	51	1.8	2.1	0.3	0.3	3,228	1,355	7.92
Area 3	9,798	19.7	100.0	100.0	100.0	310	4,986,547	8.33	2.69	5,129	4.9	100.0	100.0	100.0	4,539	1,192,571	8.01
All crop farms	3,122	19.2	31.9	32.8	34.4	295	1,677,336	8.14	2.76	1,413	3.9	27.5	27.7	28.2	4,458	312,315	7.44
All livestock farms	5,966	20.3	60.9	61.3	60.0	317	3,022,661	8.42	2.66	3,346	5.6	65.2	67.5	66.9	4,581	819,931	8.23
General crop and livestock farms	695	17.6	7.1	5.8	5.5	326	284,195	8.56	2.62	365	3.9	7.1	4.8	4.9	4,437	60,260	8.25
All other farms	15	16.9	0.2	(Z)	(Z)	486	2,355	33.64	6.93	5	2.4	0.1	(Z)	(Z)	1,000	65	6.50
Area 4	10,891	33.0	100.0	100.0	100.0	257	5,870,654	7.79	3.04	4,602	4.8	100.0	100.0	100.0	4,515	903,268	8.22
All crop farms	4,034	31.6	37.0	39.8	40.3	253	2,325,010	7.66	3.02	1,528	4.4	33.2	38.9	38.5	4,561	375,261	8.88
All livestock farms	5,604	33.4	51.5	50.5	49.4	262	2,995,806	8.04	3.07	2,547	5.2	55.3	52.7	52.8	4,507	454,332	7.83
General crop and livestock farms	1,238	38.3	11.4	9.7	10.2	243	546,493	7.09	2.91	522	4.7	11.3	8.4	8.7	4,360	73,605	7.70
All other farms	15	14.9	0.1	(Z)	(Z)	265	3,345	10.79	4.08	5	0.7	0.1	(Z)	(Z)	2,667	70	4.67
Area 5	5,139	33.2	100.0	100.0	100.0	328	3,949,815	9.15	2.79	1,825	4.8	100.0	100.0	100.0	4,133	388,662	6.19
All crop farms	3,581	33.3	69.7	69.4	72.0	316	2,738,390	8.81	2.79	1,243	4.4	68.1	63.5	65.7	3,999	250,125	6.07
All livestock farms	1,168	32.0	22.7	23.2	21.3	359	910,675	9.93	2.77	442	6.0	24.2	29.5	27.6	4,423	113,532	6.56
General crop and livestock farms	345	35.6	6.7	6.7	6.3	348	276,100	10.14	2.91	130	5.1	7.1	6.3	6.2	4,182	22,840	5.84
All other farms	45	89.9	0.9	0.7	0.4	545	24,650	13.47	2.47	10	16.0	0.5	0.6	0.5	5,077	2,165	6.66
Areas 6a, D, and E	10,648	29.4	100.0	100.0	100.0	292	6,728,028	8.18	2.80	4,855	5.1	100.0	100.0	100.0	4,296	1,175,505	8.16
All crop farms	7,226	28.5	67.9	71.3	71.1	293	4,752,604	8.13	2.77	3,300	4.9	68.0	70.9	70.0	4,353	835,741	8.29
All livestock farms	2,590	31.1	24.3	21.8	22.2	287	1,514,389	8.29	2.89	1,215	5.6	25.0	23.5	23.0	4,381	279,584	8.44
General crop and livestock farms	816	34.1	7.7	6.6	6.7	292	440,160	8.04	2.76	335	6.2	6.9	5.5	6.9	3,446	58,180	5.88
All other farms	16	53.4	0.2	0.2	0.1	853	20,875	32.02	3.75	5	20.5	0.1	0.2	0.2	4,000	2,000	8.00
Area 6b	16,829	31.5	100.0	100.0	100.0	317	12,630,442	8.50	2.69	6,991	5.0	100.0	100.0	100.0	4,076	1,672,757	7.08
All crop farms	13,365	31.8	79.4	80.6	83.1	307	10,359,145	8.39	2.74	5,476	4.8	78.3	79.0	79.2	4,066	1,330,497	7.11
All livestock farms	2,508	31.4	14.9	14.9	13.0	362	1,743,652	9.03	2.50	1,115	6.3	15.9	16.6	16.4	4,131	272,635	7.05
General crop and livestock farms	936	26.4	5.6	4.5	3.8	370	513,995	9.01	2.44	395	4.8	5.7	4.4	4.4	4,067	69,585	6.72
All other farms	20	39.8	0.1	0.1	(Z)	1,353	13,650	40.15	2.97	5	0.6	0.1	(Z)	(Z)	4,000	40	8.00

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Illinois—Continued																	
Areas 7 and F	10,402	37.4	100.0	100.0	100.0	207	4,084,862	5.70	2.75	4,270	4.0	100.0	100.0	100.0	5,066	685,077	8.89
All crop farms	4,503	38.3	43.3	48.0	50.4	197	2,026,542	5.61	2.84	1,824	3.9	42.7	48.5	47.8	5,143	335,159	9.09
All livestock farms	3,513	36.6	33.8	30.7	29.1	218	1,220,780	5.84	2.68	1,425	4.3	33.4	31.4	31.6	5,036	213,978	8.79
General crop and livestock farms	2,371	36.2	22.8	21.2	20.5	215	836,560	5.70	2.65	1,021	3.9	23.9	20.1	20.6	4,932	135,940	8.55
All other farms	15	62.5	0.1	(Z)	(Z)	960	980	39.20	4.08	...	...	...	...	...	...	...	...
Area 8	7,544	43.3	100.0	100.0	100.0	197	2,869,278	5.15	2.61	2,679	4.4	100.0	100.0	100.0	5,243	588,598	10.28
All crop farms	4,159	44.8	55.1	59.4	61.4	191	1,752,296	5.12	2.68	1,355	4.0	50.6	55.2	52.9	5,466	324,728	10.72
All livestock farms	1,860	42.2	24.7	21.5	21.1	202	613,072	5.22	2.59	689	5.3	25.7	24.7	25.6	5,067	144,375	9.86
General crop and livestock farms	1,505	39.8	19.9	19.0	17.5	215	501,125	5.15	2.39	625	5.0	23.3	20.0	21.4	4,890	118,660	9.67
All other farms	20	45.6	0.3	0.1	0.1	247	2,785	8.19	3.32	10	7.4	0.4	0.1	0.1	8,000	835	15.18
Area 9	5,241	45.9	100.0	100.0	100.0	208	2,820,599	5.83	2.80	1,639	3.7	100.0	100.0	100.0	4,574	345,588	8.77
All crop farms	3,065	46.2	58.5	62.5	66.1	197	1,782,345	5.58	2.83	892	3.3	54.4	64.0	58.6	5,003	225,348	9.76
All livestock farms	1,556	45.5	29.7	27.9	24.8	234	767,374	6.39	2.73	572	5.2	34.9	29.0	34.7	3,819	98,730	7.21
General crop and livestock farms	620	44.7	11.8	9.6	9.1	220	270,880	6.16	2.80	175	2.7	10.7	7.0	6.7	4,741	21,510	8.13
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 10	4,062	39.1	100.0	100.0	100.0	211	1,413,669	5.54	2.62	1,413	4.4	100.0	100.0	100.0	5,222	275,570	9.55
All crop farms	2,245	41.1	55.3	59.2	62.9	199	857,220	5.34	2.69	779	4.3	55.1	56.3	58.0	5,071	155,370	9.29
All livestock farms	1,220	36.5	30.0	29.8	24.2	260	404,294	6.55	2.51	427	4.9	30.2	29.3	28.5	5,363	83,060	10.09
General crop and livestock farms	581	35.8	14.3	10.7	12.7	178	147,970	4.58	2.57	206	4.0	14.6	13.2	12.5	5,541	33,630	9.35
All other farms	16	19.9	0.4	0.3	0.2	292	4,185	9.00	3.08	1	13.9	0.1	1.2	1.0	6,000	3,510	11.70
Area 11	2,754	22.7	100.0	100.0	100.0	263	939,104	6.57	2.50	1,031	4.7	100.0	100.0	100.0	3,883	170,979	5.82
All crop farms	1,149	23.9	41.7	45.5	47.0	255	451,944	6.73	2.64	388	3.4	37.6	42.2	32.6	5,029	66,190	6.92
All livestock farms	1,172	22.0	42.6	41.2	40.1	271	354,445	6.19	2.29	436	6.3	42.3	43.5	55.5	3,047	79,670	4.89
General crop and livestock farms	418	20.4	15.2	12.9	12.6	270	125,795	7.00	2.60	202	4.0	19.6	14.1	11.9	4,614	24,894	7.14
All other farms	15	60.5	0.5	0.4	0.4	275	6,920	12.36	4.49	5	2.7	0.5	0.2	0.1	8,000	225	9.00
Indiana, total	101,323	58.4	100.0	100.0	100.0	258	58,263,631	7.46	2.89	37,718	6.3	100.0	100.0	100.0	3,976	4,989,821	5.92
All crop farms	38,749	59.1	38.2	41.8	42.8	252	24,796,058	7.43	2.94	12,275	5.3	32.5	34.8	35.5	3,890	1,760,533	5.88
All livestock farms	45,020	58.0	44.4	43.5	42.1	267	25,177,222	7.66	2.87	18,667	7.4	49.5	49.8	49.8	3,972	2,481,998	5.91
General crop and livestock farms	17,214	57.4	17.0	14.5	15.1	248	8,196,521	6.97	2.81	6,741	6.0	17.9	15.4	14.6	4,203	744,485	6.06
All other farms	340	58.5	0.3	0.2	0.1	535	93,830	16.11	3.01	35	5.6	0.1	(Z)	0.1	2,893	2,805	5.01
Areas 1, A, and B	6,421	63.5	100.0	100.0	100.0	277	4,919,713	8.51	3.07	2,207	5.9	100.0	100.0	100.0	4,403	419,028	7.79
All crop farms	3,114	67.4	48.5	58.9	57.3	285	2,934,673	8.86	3.10	911	5.1	41.3	46.0	46.6	4,347	187,945	7.50
All livestock farms	2,406	58.1	37.5	29.3	30.0	271	1,401,097	8.08	2.98	930	6.6	42.1	37.0	36.9	4,418	155,257	7.83
General crop and livestock farms	851	60.9	13.3	11.6	12.7	253	571,868	7.80	3.08	366	7.4	16.6	16.9	16.5	4,530	75,826	8.57
All other farms	50	39.8	0.8	0.2	0.1	810	12,075	30.96	3.82	...	...	...	...	...	...	...	...
Area 2a	9,149	68.9	100.0	100.0	100.0	277	7,998,667	8.61	3.11	2,967	5.5	100.0	100.0	100.0	4,394	456,427	6.11
All crop farms	4,481	72.9	49.0	59.6	58.0	285	4,711,146	8.74	3.07	1,439	5.4	48.5	54.3	53.4	4,465	230,659	5.78
All livestock farms	3,147	63.2	34.4	26.2	27.5	264	2,165,676	8.48	3.21	1,032	5.8	34.8	31.2	31.3	4,373	153,813	6.58
General crop and livestock farms	1,511	65.7	16.5	14.1	14.4	270	1,114,895	8.31	3.08	491	5.5	16.5	14.4	15.1	4,188	71,430	6.32
All other farms	10	101.1	0.1	0.1	(Z)	593	6,950	15.27	2.57	5	22.2	0.2	0.1	0.1	4,000	525	5.25
Area 2b	15,212	61.1	100.0	100.0	100.0	245	10,924,689	7.26	2.96	5,619	6.5	100.0	100.0	100.0	3,640	943,803	5.85
All crop farms	6,790	59.7	44.6	46.7	48.2	237	5,115,991	7.05	2.97	2,371	5.9	42.2	44.9	44.4	3,686	417,528	5.83
All livestock farms	6,510	62.7	42.8	43.8	42.0	256	4,820,273	7.64	2.99	2,586	7.5	46.0	46.5	46.7	3,628	449,800	5.97
General crop and livestock farms	1,862	61.1	12.2	9.4	9.8	235	976,780	6.65	2.83	657	6.0	11.7	8.5	8.9	3,476	76,325	5.31
All other farms	50	82.7	0.3	0.1	(Z)	573	11,645	16.76	2.93	5	4.8	0.1	(Z)	(Z)	2,000	150	3.75
Areas 3 and C	15,182	55.6	100.0	100.0	100.0	240	6,839,570	6.87	2.87	4,171	4.8	100.0	100.0	100.0	3,190	434,185	5.05
All crop farms	6,130	55.3	40.4	41.9	41.8	240	2,843,055	6.83	2.85	1,475	4.3	35.4	38.0	37.3	3,256	158,745	4.96
All livestock farms	5,306	55.0	34.9	34.3	33.0	249	2,386,625	7.28	2.92	1,695	6.3	40.6	42.5	43.5	3,114	187,335	5.01
General crop and livestock farms	3,716	56.8	24.5	23.7	25.2	226	1,603,785	6.40	2.83	1,001	3.7	24.0	19.5	19.2	3,234	88,105	5.34
All other farms	30	64.1	0.2	0.1	(Z)	555	6,105	16.28	2.94	...	...	...	...	...	...	...	...
Area 4	10,950	62.4	100.0	100.0	100.0	245	6,020,978	6.86	2.80	2,373	4.1	100.0	100.0	100.0	3,850	320,346	5.50
All crop farms	3,750	61.8	34.2	29.0	32.1	221	1,718,080	6.09	2.76	580	2.9	24.4	23.3	22.6	3,975	72,590	5.52
All livestock farms	5,684	62.4	51.9	57.5	53.6	262	3,487,118	7.41	2.83	1,452	4.9	61.2	64.1	63.8	3,867	211,522	5.69
General crop and livestock farms	1,491	63.6	13.6	13.3	14.1	231	801,080	6.46	2.80	341	4.1	14.4	12.6	13.6	3,564	36,234	4.57
All other farms	25	78.1	0.2	0.2	0.2	307	14,700	9.80	3.20	...	...	...	...	...	...	...	...
Areas 5 and D	14,260	60.9	100.0	100.0	100.0	248	8,092,565	6.84	2.75	5,314	6.8	100.0	100.0	100.0	3,663	689,357	5.20
All crop farms	4,432	61.1	31.1	29.9	31.3	237	2,458,032	6.64	2.80	1,281	5.1	24.1	23.8	23.4	3,727	164,655	5.30
All livestock farms	7,842	61.1	55.0	57.6	55.9	256	4,663,305	7.05	2.75	3,357	8.2	63.2	65.9	66.6	3,626	450,552	5.10
General crop and livestock farms	1,891	60.0	13.3	12.2	12.8	236	947,578	6.25	2.65	671	5.3	12.6	10.3	10.0	3,761	74,130	5.58
All other farms	95	44.0	0.7	0.3	0.1	1,137	23,650	33.79	2.97	5	0.3	0.1	(Z)	(Z)	2,000	20	4.00
Areas 6 and E	13,211	50.4	100.0	100.0	100.0	260	7,468,371	7.70	2.96	6,832	7.2	100.0	100.0	100.0	4,100	944,925	6.80
All crop farms	6,269	49.2	47.5	51.9	54.8	246	3,939,281	7.42	3.01	2,899	5.9	42.4	43.0	46.1	3,828	393,381	6.14
All livestock farms	5,227	51.7	39.6	37.8	34.3	287	2,783,570	8.38	2.92	2,998	9.2	43.9	44.4	42.8	4,252	430,529	7.24
General crop and livestock farms	1,675	52.1	12.7	10.3	10.9	246	735,705	6.99	2.84	925	7.6	13.5	12.5	11.0	4,665	120,215	7.85
All other farms	40	79.5	0.3	0.1	0.1	488	9,815	14.43	2.96	10	19.3	0.1	0.1	0.1	2,182	800	4.85
Area 7	7,383	49.2	100.0	100.0	100.0	295	2,826,635	7.72	2.62	3,744	8.6	100.0	100.0	100.0	4,616	349,902	5.50
All crop farms	1,271	46.0	17.2	13.3	15.0	263	368,985	6.74	2.56	474	8.0	12.7	12.2	15.0	3,754	47,780	5.01
All livestock farms	4,602	50.1	62.3	67.4	65.4	304	1,920,760	8.03	2.64	2,448	8.9	65.4	68.3	67.0	4,706	231,599	5.43
General crop and livestock farms	1,480	49.0	20.0	19.0	19.5	287	529,290	7.43	2.59	817	7.8	21.8	19.4	17.9	5,001	70,013	6.15
All other farms	30	43.4	0.4	0.3	0.2	392	7,600	10.07	2.57	5	4.3	0.1	0.1	0.1	4,667	510	6.80

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Indiana—Continued																	
Areas 8 and F	9,555	47.8	100.0	100.0	100.0	302	3,172,443	7.86	2.60	4,491	8.7	100.0	100.0	100.0	4,770	431,848	5.88
All crop farms	2,512	45.9	26.3	22.6	22.0	310	706,815	7.96	2.56	845	6.7	18.8	17.2	17.7	4,643	87,250	6.73
All livestock farms	4,296	48.7	45.0	48.4	48.4	302	1,548,798	7.92	2.62	2,169	9.1	48.3	48.9	49.7	4,690	211,591	5.80
General crop and livestock farms	2,737	48.1	28.6	29.0	29.5	297	915,540	7.70	2.59	1,472	9.6	32.8	33.8	32.4	4,978	132,207	5.56
All other farms	10	27.6	0.1	(Z)	0.1	145	1,290	4.69	3.22	5	17.6	0.1	0.1	0.2	2,400	800	4.57
Iowa, total	111,004	26.7	100.0	100.0	100.0	175	46,771,168	6.67	3.82	30,422	2.7	100.0	100.0	100.0	4,230	4,535,046	6.29
All crop farms	24,433	26.6	22.0	25.3	25.5	173	11,990,011	6.71	3.87	4,350	1.7	14.3	15.2	15.6	4,135	707,025	6.30
All livestock farms	73,120	26.8	65.9	64.2	63.4	177	30,075,336	6.76	3.83	22,999	3.3	75.6	75.4	75.2	4,237	3,373,319	6.22
General crop and livestock farms	13,342	26.4	12.0	10.4	11.1	164	4,674,912	6.01	3.67	3,046	2.2	10.0	9.4	9.1	4,333	450,960	6.84
All other farms	109	16.7	0.1	0.1	(Z)	703	30,909	26.76	3.81	27	5.6	0.1	0.1	0.1	4,639	3,742	9.72
Area 1s	11,561	26.6	100.0	100.0	100.0	181	5,694,786	7.38	4.07	1,118	1.1	100.0	100.0	100.0	3,067	207,333	6.68
All crop farms	2,183	22.7	18.9	18.5	19.2	175	1,031,020	6.97	3.99	131	0.7	11.7	14.1	14.4	3,011	35,395	7.94
All livestock farms	8,103	28.8	70.1	73.5	71.7	186	4,201,481	7.60	4.09	897	1.3	80.2	79.2	79.6	3,050	158,568	6.41
General crop and livestock farms	1,270	21.4	11.0	7.9	9.2	157	459,285	6.50	4.14	90	0.6	8.1	6.7	6.0	3,435	13,370	7.19
All other farms	5	25.6	(Z)	0.1	(Z)	2,000	3,000	60.00	3.00	...	...	...	...	...	...	...	...
Areas 1b, A, and B	14,696	26.8	100.0	100.0	100.0	159	7,499,271	7.59	4.78	1,581	1.1	100.0	100.0	100.0	3,462	262,927	6.56
All crop farms	3,151	30.6	21.4	27.5	28.1	155	2,076,998	7.47	4.81	130	0.4	8.2	8.1	8.7	3,233	21,135	6.05
All livestock farms	10,274	25.8	69.9	65.7	64.9	161	4,930,879	7.70	4.79	1,365	1.4	86.3	86.6	84.9	3,533	228,250	6.72
General crop and livestock farms	1,243	24.0	8.5	6.6	7.0	151	477,865	6.96	4.61	85	0.9	5.4	5.2	6.3	2,815	13,300	5.24
All other farms	28	10.5	0.2	0.2	(Z)	544	13,529	30.40	5.59	1	0.7	0.1	0.1	0.1	4,200	242	8.07
Area 2s	8,604	34.6	100.0	100.0	100.0	176	4,268,180	5.85	3.33	312	0.5	100.0	100.0	100.0	2,496	56,442	5.61
All crop farms	3,319	32.9	38.6	38.8	40.1	170	1,684,790	5.76	3.38	101	0.3	32.4	26.6	25.6	2,593	14,750	5.72
All livestock farms	3,834	36.3	44.6	46.3	44.0	185	1,983,180	6.17	3.34	136	0.5	43.6	42.5	46.9	2,263	26,267	5.57
General crop and livestock farms	1,451	34.7	16.9	14.9	15.9	165	600,210	5.17	3.14	75	0.8	24.0	30.9	27.5	2,803	15,425	5.58
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Areas 2b and C	15,638	29.8	100.0	100.0	100.0	175	7,722,952	6.65	3.80	1,372	0.9	100.0	100.0	100.0	3,318	196,155	5.90
All crop farms	6,301	26.8	40.3	39.9	40.9	171	3,120,585	6.57	3.85	415	0.6	30.2	29.3	30.6	3,177	54,310	5.33
All livestock farms	7,385	33.3	47.2	50.0	48.6	180	3,834,961	6.79	3.78	777	1.1	56.6	56.5	57.6	3,252	115,830	6.05
General crop and livestock farms	1,937	28.1	12.4	10.1	10.5	168	766,361	6.27	3.74	175	0.9	12.8	14.0	11.7	3,982	25,715	6.63
All other farms	15	13.0	0.1	(Z)	(Z)	733	1,045	34.83	4.75	5	13.0	0.4	0.2	0.1	7,333	300	10.00
Area 3s	5,615	14.1	100.0	100.0	100.0	184	1,795,784	7.71	4.19	3,032	4.1	100.0	100.0	100.0	3,541	390,114	5.72
All crop farms	717	11.8	12.8	14.8	14.9	183	273,270	7.89	4.30	351	3.0	11.6	12.2	12.9	3,348	48,180	5.50
All livestock farms	4,378	15.2	78.0	77.8	77.8	184	1,397,079	7.71	4.19	2,356	4.4	77.7	78.4	77.9	3,563	301,134	5.67
General crop and livestock farms	515	10.2	9.2	7.4	7.3	184	125,380	7.33	3.98	325	3.7	10.7	9.4	9.2	3,617	40,800	6.49
All other farms	5	6.2	0.1	(Z)	(Z)	400	55	11.00	2.75	...	...	...	...	...	...	...	...
Area 3b	6,895	16.7	100.0	100.0	100.0	200	2,183,919	7.20	3.60	4,253	5.7	100.0	100.0	100.0	3,920	617,499	5.95
All crop farms	1,011	14.4	14.7	16.2	16.6	196	355,813	7.07	3.61	639	4.1	15.0	14.5	13.9	4,084	85,185	5.91
All livestock farms	5,071	17.8	73.5	72.6	72.5	200	1,579,241	7.18	3.58	3,163	6.5	74.4	75.4	77.0	3,839	443,559	5.55
General crop and livestock farms	813	14.4	11.8	11.2	10.9	206	248,865	7.53	3.65	451	4.1	10.6	10.1	9.1	4,355	88,755	9.42
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 4	24,468	36.2	100.0	100.0	100.0	158	8,294,711	5.60	3.53	5,878	3.0	100.0	100.0	100.0	4,986	794,671	6.37
All crop farms	4,143	37.7	16.9	19.8	18.8	166	1,697,100	6.08	3.65	731	2.5	12.4	13.8	14.9	4,631	112,353	6.06
All livestock farms	15,962	35.4	65.2	62.9	63.3	157	5,159,716	5.50	3.49	4,226	3.3	71.9	70.5	69.3	5,069	555,348	6.42
General crop and livestock farms	4,357	37.7	17.8	17.3	17.9	153	1,434,145	5.41	3.53	915	2.8	15.6	15.6	15.7	4,950	126,175	6.42
All other farms	6	46.9	(Z)	(Z)	(Z)	282	3,750	12.30	4.36	6	17.7	0.1	0.1	0.1	5,565	795	6.91
Area 5	10,178	17.9	100.0	100.0	100.0	191	4,193,664	7.43	3.89	6,423	5.0	100.0	100.0	100.0	4,274	1,022,052	6.48
All crop farms	1,683	16.7	16.5	18.6	18.7	190	796,910	7.54	3.97	998	4.4	15.5	18.4	17.6	4,456	189,250	6.82
All livestock farms	7,660	18.6	75.3	74.9	74.5	192	3,143,819	7.47	3.90	4,850	5.2	75.5	73.9	74.6	4,234	752,537	6.40
General crop and livestock farms	825	14.6	8.1	6.4	6.7	183	252,310	6.64	3.63	575	4.7	9.0	7.7	7.8	4,249	80,265	6.54
All other farms	10	20.0	0.1	(Z)	(Z)	1,333	625	41.67	3.13	...	...	...	...	...	...	...	...
Areas 6 and D	13,349	26.4	100.0	100.0	100.0	192	5,117,901	6.59	3.43	6,453	5.2	100.0	100.0	100.0	4,842	987,853	6.50
All crop farms	1,925	26.0	14.4	18.1	15.8	220	953,525	7.77	3.54	854	4.7	13.2	13.9	14.5	4,656	146,467	6.67
All livestock farms	10,453	26.7	78.3	75.8	78.2	186	3,844,980	6.34	3.40	5,229	5.4	81.0	81.1	80.6	4,872	791,826	6.47
General crop and livestock farms	931	23.9	7.0	5.9	6.0	188	310,491	6.66	3.54	355	3.7	5.5	4.9	4.8	4,928	47,155	6.50
All other farms	40	21.0	0.3	0.2	(Z)	1,115	8,905	29.20	2.62	15	14.5	0.2	0.1	0.1	3,810	2,405	11.45
Kansas, total	45,883	12.8	100.0	100.0	100.0	117	18,280,568	4.81	4.13	7,127	0.6	100.0	100.0	100.0	3,975	1,055,560	5.89
All crop farms	21,803	10.7	47.5	51.3	56.0	107	9,540,225	4.48	4.20	2,681	0.4	37.6	41.3	40.5	4,061	439,030	6.06
All livestock farms	16,847	16.4	36.7	35.4	31.3	132	6,339,028	5.33	4.05	3,207	1.1	45.0	44.3	44.9	3,923	454,329	5.64
General crop and livestock farms	7,132	19.0	15.5	13.1	12.6	121	2,369,180	4.95	4.08	1,223	1.3	17.2	14.3	14.6	3,898	161,651	6.19
All other farms	101	43.4	0.2	0.2	(Z)	601	32,135	18.21	3.03	16	2.2	0.2	(Z)	(Z)	3,933	550	6.18
Area 1	594	1.0	100.0	100.0	100.0	79	251,124	4.24	5.34	10	(Z)	100.0	100.0	100.0	5,333	2,600	8.67
All crop farms	335	0.8	56.4	53.3	58.4	73	146,843	4.25	5.86	...	...	...	...	...	...	...	...
All livestock farms	199	1.5	33.5	40.1	36.9	86	88,126	4.04	4.67	10	(Z)	100.0	100.0	100.0	5,333	2,600	8.67
General crop and livestock farms	50	1.3	8.4	6.5	4.8	108	15,985	5.68	5.26	...	...	...	...	...	...	...	...
All other farms	10	33.3	1.7	0.1	(Z)	400	170	17.00	4.25	...	...	...	...	...	...	...	...
Area 2s	1,607	2.4	100.0	100.0	100.0	84	642,509	3.67	4.38	33	(Z)	100.0	100.0	100.0	3,720	10,079	8.44
All crop farms	1,287	2.5	80.1	79.1	82.9	80	498,945	3.44	4.31	29	(Z)	87.9	71.8	71.8	3,720	6,697	7.81
All livestock farms	128	1.2	8.0	8.5	7.8	91	56,740	4.13	4.55	4	(Z)	12.1	28.2	28.2	3,721	3,382	10.04
General crop and livestock farms	182	4.3	11.3	12.2	9.3	110	85,394	5.26	4.79	...	...	...	...	...	...	...	...
All other farms	10	50.0	0.6	0.2	(Z)	3,600	1,430	143.00	3.97	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Kansas—Continued																	
Area 2b	798	3.4	100.0	100.0	100.0	99	303,734	4.25	4.30	12	(Z)	100.0	100.0	100.0	2,852	1,267	4.69
All crop farms	567	3.4	71.0	74.3	78.9	93	237,195	4.21	4.52	12	(Z)	100.0	100.0	100.0	2,852	1,267	4.69
All livestock farms	183	3.8	22.9	22.4	17.0	130	56,796	4.67	3.58	...	...	...	...	...	...	...	...
General crop and livestock farms	48	2.5	6.0	3.3	4.1	79	9,743	3.30	4.20	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Areas 3a and A	5,712	19.4	100.0	100.0	100.0	86	2,320,667	3.62	4.19	753	0.6	100.0	100.0	100.0	3,505	125,207	6.22
All crop farms	3,987	18.0	69.8	71.0	72.7	84	1,651,749	3.54	4.20	540	0.6	71.7	73.7	75.8	3,409	87,629	5.74
All livestock farms	1,114	24.4	19.5	19.4	17.7	94	450,565	3.96	4.20	132	0.6	17.5	14.8	13.7	3,793	21,488	7.79
General crop and livestock farms	591	24.1	10.3	9.6	9.6	86	217,378	3.54	4.10	81	0.8	10.8	11.5	10.5	3,819	16,090	7.58
All other farms	20	11.7	0.4	(Z)	(Z)	571	975	27.86	4.88	...	...	...	...	...	...	...	...
Area 3b	4,461	23.8	100.0	100.0	100.0	96	1,714,872	4.12	4.32	350	0.5	100.0	100.0	100.0	3,518	56,866	6.13
All crop farms	2,706	23.1	60.7	59.8	64.1	89	1,037,127	3.89	4.36	169	0.4	48.3	50.1	47.2	3,732	29,350	6.70
All livestock farms	1,050	26.4	23.5	26.1	23.8	105	441,864	4.47	4.26	118	0.9	33.7	32.9	36.0	3,216	16,871	5.05
General crop and livestock farms	700	22.6	15.7	12.6	12.1	99	220,881	4.40	4.43	63	0.7	18.0	17.0	16.8	3,565	10,645	6.82
All other farms	5	79.4	0.1	1.5	0.1	1,481	15,000	37.04	2.50	...	...	...	...	...	...	...	...
Area 4	3,451	10.8	100.0	100.0	100.0	119	1,311,580	5.32	4.49	377	0.4	100.0	100.0	100.0	3,761	65,167	7.77
All crop farms	1,939	10.5	56.2	60.4	62.9	114	793,906	5.12	4.50	156	0.3	41.4	46.8	52.2	3,370	30,345	6.93
All livestock farms	771	10.9	22.3	22.4	20.9	127	292,778	5.68	4.47	100	0.4	26.5	26.7	22.6	4,447	15,932	8.41
General crop and livestock farms	741	11.9	21.5	17.2	16.2	126	224,896	5.63	4.48	121	0.6	32.1	26.5	25.2	3,957	18,890	8.93
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 5	7,358	26.7	100.0	100.0	100.0	121	2,672,963	4.96	4.09	1,071	1.3	100.0	100.0	100.0	3,732	158,680	5.81
All crop farms	2,367	32.2	32.2	36.1	39.4	111	939,882	4.42	3.98	248	1.0	23.2	27.6	24.7	4,166	44,196	6.54
All livestock farms	3,927	24.0	53.4	52.5	49.1	130	1,426,071	5.38	4.15	661	1.6	61.7	61.0	64.8	3,514	95,899	5.42
General crop and livestock farms	1,049	23.9	14.3	11.2	11.5	118	304,660	4.91	4.15	162	1.1	15.1	11.4	10.5	4,057	18,585	6.48
All other farms	15	1.6	0.2	0.1	(Z)	5,067	2,350	156.67	3.09	...	...	...	...	...	...	...	...
Areas 6 and B	8,237	29.8	100.0	100.0	100.0	144	3,471,571	6.10	4.24	1,570	2.0	100.0	100.0	100.0	4,027	229,870	5.96
All crop farms	3,144	31.8	38.2	42.2	43.7	139	1,498,398	6.02	4.34	479	1.5	30.5	33.0	31.1	4,270	66,840	5.58
All livestock farms	3,783	28.9	45.9	45.1	43.4	150	1,526,288	6.19	4.13	850	2.5	54.1	53.2	55.0	3,896	124,690	5.88
General crop and livestock farms	1,289	26.9	15.6	12.4	12.7	140	437,295	6.04	4.30	235	2.0	15.0	13.7	13.8	4,004	38,135	7.19
All other farms	21	66.6	0.3	0.3	0.2	169	9,590	7.70	4.57	6	2.9	0.4	0.1	0.1	3,519	205	3.80
Area 7a	7,818	32.9	100.0	100.0	100.0	139	2,972,896	5.59	4.03	1,765	2.7	100.0	100.0	100.0	4,079	232,231	5.28
All crop farms	2,383	35.9	30.5	35.0	36.2	134	1,099,700	5.70	4.26	491	2.4	27.8	31.8	29.9	4,336	79,938	6.07
All livestock farms	3,818	30.9	48.8	46.1	44.5	144	1,333,878	5.63	3.92	892	3.0	50.5	50.6	51.5	4,010	114,502	5.05
General crop and livestock farms	1,607	32.9	20.6	18.9	19.3	136	538,448	5.25	3.86	382	2.6	21.6	17.6	18.6	3,859	37,791	4.61
All other farms	10	20.0	0.1	(Z)	(Z)	4,800	870	174.00	3.63	...	...	...	...	...	...	...	...
Area 7b	5,847	46.7	100.0	100.0	100.0	130	2,618,652	4.80	3.68	1,186	2.5	100.0	100.0	100.0	4,506	173,593	5.83
All crop farms	3,088	50.5	52.8	60.7	63.9	124	1,636,480	4.69	3.79	557	2.2	47.0	52.9	51.9	4,592	92,768	6.00
All livestock farms	1,874	40.3	32.1	26.6	23.7	146	665,922	5.15	3.52	440	3.2	37.1	35.6	34.7	4,625	58,965	5.71
General crop and livestock farms	875	43.1	15.0	12.6	12.4	133	314,500	4.64	3.49	179	2.5	15.1	11.4	13.3	3,861	21,515	5.43
All other farms	10	20.0	0.2	0.1	(Z)	2,250	1,750	43.75	1.94	10	17.5	0.8	0.1	0.1	4,571	345	9.86
Kentucky, total	107,617	27.7	100.0	100.0	100.0	407	25,598,119	10.10	2.49	23,656	5.9	100.0	100.0	100.0	3,683	2,828,327	5.22
All crop farms	74,717	25.5	69.4	55.4	46.0	490	14,260,601	12.24	2.50	11,233	4.5	47.5	37.0	37.7	3,618	1,053,335	5.16
All livestock farms	19,616	27.4	18.2	26.5	32.4	333	6,842,799	8.35	2.51	7,965	7.6	33.7	42.7	42.0	3,742	1,246,043	5.48
General crop and livestock farms	12,834	34.6	11.9	17.6	21.0	341	4,375,225	8.22	2.41	4,328	6.9	18.3	19.6	19.6	3,680	504,629	4.76
All other farms	450	28.0	0.4	0.4	0.7	265	119,494	7.21	2.72	130	6.8	0.5	0.8	0.7	3,758	24,320	6.09
Area 1	6,101	32.1	100.0	100.0	100.0	247	1,441,829	6.42	2.60	2,438	7.9	100.0	100.0	100.0	3,357	325,211	5.87
All crop farms	2,847	31.7	46.7	37.5	37.1	250	525,650	6.31	2.53	897	8.5	36.8	36.8	40.2	3,071	126,376	5.67
All livestock farms	1,969	31.7	32.3	39.6	40.3	243	596,525	6.59	2.71	999	7.8	41.0	43.1	40.0	3,618	142,890	6.46
General crop and livestock farms	1,275	33.5	20.9	22.8	22.3	253	317,654	6.35	2.51	537	7.2	22.0	19.7	19.5	3,399	54,820	5.08
All other farms	10	79.3	0.2	0.1	0.4	87	2,000	2.48	2.86	5	17.2	0.2	0.4	0.3	4,000	1,125	6.43
Area 2	4,726	34.4	100.0	100.0	100.0	259	1,519,180	6.44	2.49	1,374	5.6	100.0	100.0	100.0	3,445	217,230	5.65
All crop farms	2,388	33.2	50.5	43.1	39.9	279	637,692	6.78	2.43	420	3.9	30.6	26.3	28.9	3,129	63,972	5.75
All livestock farms	1,414	36.2	29.9	34.6	39.0	229	551,523	5.99	2.61	595	7.5	43.3	52.1	49.4	3,638	106,328	5.60
General crop and livestock farms	909	33.6	19.2	22.0	21.0	271	324,990	6.56	2.42	354	5.6	25.8	21.4	21.5	3,424	46,465	5.62
All other farms	15	37.4	0.3	0.3	0.1	744	4,975	23.14	3.11	5	13.0	0.4	0.2	0.2	3,733	465	6.20
Area 3a	10,064	31.9	100.0	100.0	100.0	302	2,468,341	7.06	2.34	2,893	7.4	100.0	100.0	100.0	3,570	422,905	5.22
All crop farms	5,250	32.5	52.2	40.8	40.8	301	1,003,743	7.03	2.33	1,049	5.5	36.3	31.7	29.7	3,810	116,474	4.85
All livestock farms	2,719	29.1	27.0	34.9	34.4	306	855,874	7.11	2.33	1,133	9.0	39.2	45.3	45.7	3,536	192,465	5.20
General crop and livestock farms	2,064	35.8	20.5	24.1	24.4	297	602,579	7.05	2.37	700	8.1	24.2	22.1	23.7	3,318	110,589	5.75
All other farms	31	27.4	0.3	0.3	0.3	288	6,145	5.98	2.08	11	18.9	0.4	1.0	0.9	4,096	3,377	4.76
Area 3b	8,637	34.0	100.0	100.0	100.0	390	2,171,533	9.10	2.33	1,690	4.9	100.0	100.0	100.0	4,193	194,251	5.61
All crop farms	5,403	31.6	62.6	48.5	42.3	447	1,060,595	10.49	2.35	760	3.7	45.0	35.3	33.8	4,379	68,955	5.89
All livestock farms	1,940	35.2	22.5	30.6	35.2	339	662,278	7.88	2.32	599	7.1	35.4	46.1	48.7	3,971	91,920	5.46
General crop and livestock farms	1,274	37.4	14.8	20.7	22.3	363	446,415	8.37	2.31	316	4.1	18.7	18.2	17.1	4,464	32,561	5.51
All other farms	20	17.7	0.2	0.2	0.1	800	2,245	11.51	1.44	15	13.6	0.9	0.4	0.4	4,000	815	5.43
Area 4	11,940	40.9	100.0	100.0	100.0	339	3,784,519	7.90	2.33	3,404	8.4	100.0	100.0	100.0	3,873	402,988	4.08
All crop farms	6,751	41.6	56.5	39.2	38.7	343	1,490,750	8.04	2.34	1,301	6.7	38.2	29.6	30.4	3,769	126,758	4.22
All livestock farms	2,296	36.1	19.2	24.7	24.7	338	923,916	7.81	2.31	926	9.9	27.2	34.6	32.6	4,107	147,764	4.58
General crop and livestock farms	2,887	44.0	24.2	36.1	36.6	334	1,369,008	7.81	2.34	1,172	9.2	34.4	35.8	37.0	3,752	128,366	3.51
All other farms	6	10.3	0.1	(Z)	(Z)	508	845	14.32	2.82	5	2.6	0.1	(Z)	(Z)	4,667	100	6.67

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Kentucky—Continued																	
Area 5	17,071	33.9	100.0	100.0	100.0	402	3,320,429	9.68	2.41	2,986	4.7	100.0	100.0	100.0	4,039	273,415	5.73
All crop farms	13,031	33.3	76.3	66.4	63.3	421	2,188,252	10.08	2.39	1,775	4.1	59.4	53.5	56.0	3,861	145,190	5.44
All livestock farms	2,311	33.4	13.5	19.7	21.1	376	679,911	9.41	2.50	735	6.1	24.6	29.9	27.6	4,369	85,140	6.46
General crop and livestock farms	1,652	37.2	9.7	13.6	15.0	366	442,606	8.62	2.35	461	5.6	15.4	16.4	16.2	4,087	41,735	5.41
All other farms	77	38.2	0.5	0.3	0.7	181	9,660	4.13	2.28	15	2.0	0.5	0.3	0.3	4,167	1,350	11.25
Areas 6, A, and B	27,145	17.3	100.0	100.0	100.0	632	6,451,376	16.67	2.64	4,939	4.9	100.0	100.0	100.0	3,595	594,201	5.42
All crop farms	20,560	14.6	75.7	63.5	46.3	867	4,116,314	22.98	2.65	2,468	3.1	50.0	34.9	35.0	3,582	202,617	5.28
All livestock farms	4,773	20.3	17.6	27.6	42.7	409	1,776,957	10.75	2.63	1,940	7.3	39.3	53.8	54.2	3,568	330,219	5.56
General crop and livestock farms	1,721	20.6	6.3	8.6	10.4	518	536,050	13.28	2.56	510	5.8	10.3	10.8	10.4	3,727	58,060	5.09
All other farms	91	38.2	0.3	0.3	0.6	368	22,055	9.95	2.70	21	7.1	0.4	0.5	0.4	5,024	3,305	8.06
Area 7	8,603	16.5	100.0	100.0	100.0	685	2,621,182	18.88	2.76	1,419	4.2	100.0	100.0	100.0	3,772	187,247	5.30
All crop farms	7,197	16.3	83.7	69.6	46.5	1,025	1,790,740	27.76	2.71	784	3.4	55.3	36.8	38.1	3,643	70,403	5.24
All livestock farms	847	14.7	9.8	19.9	34.9	390	542,743	11.20	2.87	527	5.3	37.1	50.5	49.8	3,827	93,762	5.33
General crop and livestock farms	486	21.1	5.6	8.7	12.7	467	231,730	13.14	2.82	93	3.5	6.6	9.3	8.4	4,162	15,309	5.16
All other farms	73	27.7	0.8	1.9	5.9	221	55,969	6.82	3.09	15	4.4	1.1	3.5	3.7	3,489	7,773	5.90
Areas 8 and C	11,664	20.0	100.0	100.0	100.0	562	1,661,882	13.74	2.45	1,984	5.1	100.0	100.0	100.0	3,570	161,568	5.26
All crop farms	10,179	18.8	87.3	81.4	73.9	619	1,357,140	15.19	2.46	1,524	4.7	76.8	70.0	71.9	3,472	111,475	5.05
All livestock farms	943	25.7	8.1	12.8	18.8	382	201,859	8.90	2.33	307	7.4	15.5	22.4	21.3	3,766	38,868	5.96
General crop and livestock farms	462	22.5	4.0	5.3	6.6	454	94,305	11.85	2.61	127	4.8	6.4	6.4	5.5	4,150	9,185	5.42
All other farms	80	15.1	0.7	0.6	0.8	395	8,578	9.01	2.28	26	6.3	1.3	1.2	1.3	3,291	2,040	5.16
Area 9	1,666	14.9	100.0	100.0	100.0	435	157,848	10.02	2.30	529	9.3	100.0	100.0	100.0	2,975	49,311	5.01
All crop farms	1,111	11.9	66.7	56.5	49.8	494	89,725	11.43	2.32	255	6.3	48.2	42.1	42.1	2,975	21,115	5.09
All livestock farms	404	21.5	24.2	32.7	39.1	364	51,213	8.32	2.29	204	12.4	38.6	35.9	36.2	2,951	16,687	4.68
General crop and livestock farms	104	16.9	6.2	7.1	7.5	410	9,888	8.32	2.03	58	21.6	11.0	15.3	15.4	2,949	7,539	4.97
All other farms	47	13.4	2.8	3.7	3.6	447	7,022	12.45	2.79	12	14.8	2.3	6.8	6.4	3,182	3,970	6.34
Louisiana, total	52,279	47.1	100.0	100.0	100.0	232	17,369,653	7.63	3.29	1,845	1.6	100.0	100.0	100.0	1,904	401,836	5.26
All crop farms	44,398	55.9	84.9	78.5	83.2	219	14,189,312	7.50	3.42	671	0.8	36.4	31.2	35.2	1,691	126,492	4.71
All livestock farms	6,131	25.2	11.7	18.0	13.6	307	2,562,523	8.29	2.70	1,042	3.5	56.5	61.0	56.7	2,048	246,853	5.69
General crop and livestock farms	1,446	36.1	2.8	3.0	2.8	244	542,429	8.36	3.42	96	2.2	5.2	5.3	5.1	1,980	18,985	4.87
All other farms	304	26.4	0.6	0.5	0.4	283	75,389	7.96	2.82	36	6.4	2.0	2.4	3.0	1,552	9,506	4.17
Areas 1 and A	4,923	43.4	100.0	100.0	100.0	214	1,832,176	8.36	3.92	101	0.9	100.0	100.0	100.0	2,265	22,900	5.14
All crop farms	4,125	52.7	83.8	77.0	79.4	207	1,454,850	8.37	4.04	42	0.9	41.6	73.9	63.3	2,645	18,010	6.39
All livestock farms	661	23.3	13.4	17.0	15.3	238	248,797	7.42	3.12	49	1.1	48.5	24.9	35.2	1,599	4,680	2.98
General crop and livestock farms	97	35.4	2.0	5.2	4.9	230	118,069	11.09	4.83	10	0.2	9.9	1.2	1.5	1,846	210	3.23
All other farms	40	75.3	0.8	0.7	0.5	305	10,460	10.11	3.31	...	...	...	...	...	...	...	...
Area 2	14,309	45.7	100.0	100.0	100.0	245	3,680,256	8.07	3.30	369	2.1	100.0	100.0	100.0	1,703	95,306	4.56
All crop farms	13,335	50.8	93.2	84.0	82.6	249	3,120,218	8.28	3.33	219	1.6	59.3	52.8	58.5	1,538	52,773	4.32
All livestock farms	816	31.1	5.7	13.2	13.2	245	434,954	7.25	2.96	135	4.1	36.6	44.1	37.7	1,992	39,863	5.06
General crop and livestock farms	136	31.1	1.0	2.7	4.1	162	119,624	6.43	3.96	15	1.3	4.1	3.1	3.8	1,362	2,670	3.34
All other farms	22	11.9	0.2	0.2	0.1	392	5,460	11.40	2.90	...	...	...	...	...	...	...	...
Area 3	13,251	54.7	100.0	100.0	100.0	243	2,581,585	7.52	3.09	157	0.7	100.0	100.0	100.0	2,172	29,787	6.53
All crop farms	12,318	61.2	93.0	90.7	90.6	244	2,335,125	7.51	3.08	94	0.4	59.9	43.9	44.3	2,150	11,657	5.77
All livestock farms	444	22.1	3.4	5.1	5.9	208	142,350	6.99	3.36	33	1.2	21.0	22.8	23.8	2,083	9,845	9.07
General crop and livestock farms	474	45.5	3.6	4.1	3.4	293	102,845	8.73	2.98	30	5.6	19.1	33.3	31.9	2,268	8,285	5.69
All other farms	15	8.2	0.1	0.1	(Z)	303	1,265	8.72	2.88	...	...	...	...	...	...	...	...
Area 4	3,458	46.6	100.0	100.0	100.0	292	1,031,471	8.21	2.81	228	3.3	100.0	100.0	100.0	1,909	46,093	5.14
All crop farms	2,304	56.5	66.6	58.5	59.5	287	626,635	8.37	2.92	56	1.5	24.6	21.2	21.7	1,866	9,160	4.71
All livestock farms	927	37.3	26.8	35.8	35.3	296	346,859	7.82	2.65	150	5.6	65.8	74.4	74.6	1,903	35,173	5.26
General crop and livestock farms	156	44.2	4.5	4.9	4.4	326	50,760	9.16	2.81	22	2.7	9.6	4.5	3.7	2,281	1,760	5.25
All other farms	71	16.8	2.1	0.8	0.8	296	7,217	7.46	2.52	...	...	...	...	...	...	...	...
Areas 5 and B	5,854	36.5	100.0	100.0	100.0	414	1,538,032	9.91	2.39	751	6.4	100.0	100.0	100.0	2,013	157,143	5.76
All crop farms	3,431	62.0	58.6	39.7	41.5	396	650,101	10.10	2.55	174	4.3	23.2	10.4	16.5	1,262	18,160	4.03
All livestock farms	2,052	28.4	35.1	54.1	51.3	436	783,820	9.84	2.25	534	7.1	71.1	79.2	72.7	2,194	124,344	6.28
General crop and livestock farms	264	28.1	4.5	3.8	4.1	387	61,099	9.66	2.50	14	5.1	1.9	4.1	4.2	1,965	5,385	4.72
All other farms	107	27.1	1.8	2.4	3.1	327	43,012	8.96	2.74	29	10.1	3.9	6.3	6.6	1,934	9,254	5.16
Area 6	3,948	57.5	100.0	100.0	100.0	181	2,577,175	7.30	4.03	54	0.3	100.0	100.0	100.0	1,383	7,779	3.99
All crop farms	3,514	65.0	89.0	88.8	91.9	175	2,328,767	7.17	4.10	31	0.2	57.4	59.3	42.6	1,928	4,640	5.59
All livestock farms	264	21.8	6.7	9.1	5.8	282	198,508	9.67	3.43	22	0.7	40.7	39.3	34.4	1,582	2,995	4.47
General crop and livestock farms	159	37.1	4.0	2.0	1.9	197	48,150	7.36	3.74	...	...	...	...	...	...	...	...
All other farms	11	70.0	0.3	0.1	0.4	40	1,750	1.20	3.02	1	21.6	1.9	1.3	23.1	80	144	0.32
Area 7	5,166	46.6	100.0	100.0	100.0	185	3,654,518	6.46	3.49	85	0.4	100.0	100.0	100.0	1,818	22,111	5.16
All crop farms	4,730	53.3	91.6	95.9	96.5	184	3,520,289	6.45	3.50	53	0.2	62.4	49.8	57.5	1,574	11,767	4.78
All livestock farms	307	8.7	5.9	3.1	2.8	208	101,602	6.43	3.10	26	1.0	30.6	49.9	41.7	2,175	10,236	5.73
General crop and livestock farms	112	49.6	2.2	0.9	0.7	228	29,035	7.41	3.26	...	...	...	...	...	...	...	...
All other farms	17	22.2	0.3	0.1	0.1	413	3,592	11.59	2.81	6	2.5	7.1	0.4	0.8	857	108	3.09
Area 8	1,370	33.3	100.0	100.0	100.0	287	474,440	8.09	2.82	100	2.3	100.0	100.0	100.0	1,842	20,717	5.11
All crop farms	641	45.2	46.8	29.9	37.4	230	153,327	7.00	3.05	2	0.2	2.0	1.1	1.9	1,026	325	4.17
All livestock farms	660	28.5	48.2	66.6	59.6	321	305,633	8.74	2.72	93	3.2	93.0	96.2	95.6	1,854	19,717	5.09
General crop and livestock farms	48	42.6	3.5	3.0	2.5	336	12,847	8.61	2.56	5	2.9	5.0	2.7	2.5	2,000	675	6.75
All other farms	21	15.8	1.5	0.5	0.5	324	2,633	9.68	2.99	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Maine, total	8,145	23.0	100.0	100.0	100.0	1,403	10,053,934	42.35	3.02	3,035	5.1	100.0	100.0	100.0	1,422	222,474	4.24
All crop farms	3,728	38.6	45.8	84.8	68.8	1,731	8,602,552	52.70	3.04	1,175	7.3	38.7	42.2	58.6	1,025	95,925	3.12
All livestock farms	3,689	13.0	45.3	13.0	28.1	649	1,249,483	18.72	2.89	1,651	3.8	54.4	52.4	37.4	1,990	113,542	5.79
General crop and livestock farms	348	10.1	4.3	1.7	2.2	1,076	153,581	29.42	2.73	132	3.1	4.3	4.1	3.1	1,912	9,860	6.14
All other farms	380	4.8	4.7	0.5	0.9	756	48,318	22.31	2.95	77	1.1	2.5	1.3	0.9	2,012	3,147	6.53
Area 1	3,323	40.9	100.0	100.0	100.0	1,782	8,219,081	54.34	3.05	1,093	7.8	100.0	100.0	100.0	851	81,438	2.82
All crop farms	3,002	42.8	90.3	96.2	92.6	1,852	7,894,766	56.38	3.04	953	8.0	87.2	87.6	90.6	822	71,623	2.73
All livestock farms	245	31.2	7.4	3.1	6.5	856	264,890	27.03	3.16	110	7.6	10.1	10.7	8.2	1,107	8,900	3.75
General crop and livestock farms	56	16.3	1.7	0.6	0.8	1,526	56,455	49.52	3.24	25	4.1	2.3	1.3	1.0	1,158	740	2.60
All other farms	20	6.7	0.6	(Z)	0.2	393	2,970	9.74	2.48	5	1.1	0.5	0.4	0.2	2,000	175	3.50
Area 2	2,229	17.0	100.0	100.0	100.0	822	1,074,022	23.96	2.92	959	4.5	100.0	100.0	100.0	1,979	74,745	6.23
All crop farms	317	35.5	14.2	39.2	25.8	1,246	441,394	38.10	3.06	102	6.2	10.6	14.3	16.8	1,682	10,693	5.31
All livestock farms	1,592	15.4	71.4	52.9	67.4	645	557,513	18.45	2.86	755	4.6	78.7	76.9	75.3	2,021	56,033	6.20
General crop and livestock farms	120	11.1	5.4	5.2	4.4	986	45,824	23.43	2.38	58	4.0	6.0	6.5	6.0	2,165	5,732	8.02
All other farms	200	6.2	9.0	2.7	2.4	926	29,291	27.56	2.98	44	1.4	4.6	2.3	2.0	2,300	2,287	9.53
Area 3	1,038	7.3	100.0	100.0	100.0	750	232,603	20.66	2.76	309	2.0	100.0	100.0	100.0	2,056	17,293	5.72
All crop farms	231	6.2	22.3	30.6	23.7	968	72,174	27.07	2.80	43	0.9	13.9	10.0	12.3	1,668	1,977	5.30
All livestock farms	631	8.1	60.8	53.5	62.0	647	125,720	18.01	2.79	238	2.8	77.0	79.5	78.2	2,089	13,360	5.65
General crop and livestock farms	92	10.2	8.9	13.2	10.0	991	28,007	24.96	2.52	26	2.4	8.4	10.2	8.9	2,373	1,932	7.21
All other farms	84	3.3	8.1	2.8	4.3	479	6,702	13.71	2.86	2	0.1	0.6	0.3	0.6	1,059	24	1.41
Areas 4 and A	1,555	12.4	100.0	100.0	100.0	609	528,228	17.58	2.89	674	3.5	100.0	100.0	100.0	2,353	48,998	5.77
All crop farms	178	44.4	11.4	34.2	29.9	696	194,218	21.62	3.11	77	10.6	11.4	29.7	25.2	2,771	11,632	5.44
All livestock farms	1,221	10.0	78.5	59.6	65.7	552	301,360	15.25	2.76	548	3.0	81.3	66.1	68.8	2,260	35,249	6.03
General crop and livestock farms	80	6.3	5.1	4.6	3.3	836	23,295	23.25	2.78	23	2.1	3.4	2.8	4.0	1,645	1,456	4.31
All other farms	76	3.4	4.9	1.6	1.0	971	9,355	30.28	3.12	26	1.9	3.9	1.5	2.1	1,714	661	3.78
Maryland, total	19,537	54.8	100.0	100.0	100.0	445	12,371,019	10.81	2.43	8,044	10.6	100.0	100.0	100.0	1,887	1,770,701	8.01
All crop farms	7,960	60.4	40.7	42.5	36.2	522	5,395,798	13.03	2.50	2,382	9.6	29.6	25.3	29.8	1,600	508,634	7.72
All livestock farms	9,413	51.5	48.2	45.5	52.1	388	5,526,250	9.28	2.39	4,708	11.1	58.5	64.4	57.9	2,100	1,042,142	8.15
General crop and livestock farms	1,941	57.5	9.9	11.3	11.3	445	1,358,312	10.52	2.37	886	11.2	11.0	9.8	11.3	1,628	205,845	8.21
All other farms	223	25.8	1.1	0.7	0.5	696	90,659	16.91	2.43	68	10.6	0.8	0.5	1.0	1,005	14,080	6.37
Area 1	946	30.8	100.0	100.0	100.0	354	236,132	8.93	2.49	469	8.6	100.0	100.0	100.0	3,130	61,703	8.34
All crop farms	91	31.2	9.6	15.1	11.7	461	33,170	10.70	2.32	20	9.6	4.3	4.1	12.8	1,011	2,680	2.82
All livestock farms	713	30.3	75.4	69.4	74.5	334	160,557	8.15	2.44	399	9.0	85.1	87.5	79.1	3,462	53,253	9.10
General crop and livestock farms	116	37.4	12.3	12.9	12.3	376	35,375	10.90	2.90	45	6.6	9.6	8.0	7.8	3,235	5,595	9.73
All other farms	26	19.0	2.7	2.7	1.5	651	7,030	18.03	2.77	5	1.0	1.1	0.3	0.3	3,500	175	8.75
Area 2	5,882	52.9	100.0	100.0	100.0	373	2,917,754	8.54	2.29	2,600	9.9	100.0	100.0	100.0	2,212	527,336	8.21
All crop farms	614	58.6	10.4	9.5	10.4	338	302,549	8.48	2.51	173	8.1	6.7	8.1	7.7	2,328	42,768	8.70
All livestock farms	4,551	51.9	77.4	77.9	79.0	368	2,272,688	8.42	2.29	2,165	10.3	83.3	85.3	83.5	2,258	430,178	8.02
General crop and livestock farms	681	55.2	11.6	11.7	9.8	442	318,257	9.48	2.14	261	9.0	10.0	6.6	8.6	1,695	53,190	9.67
All other farms	36	63.3	0.6	1.0	0.7	492	24,260	9.75	1.98	1	3.8	(Z)	0.1	0.2	1,000	1,200	8.00
Areas A and B	3,846	43.5	100.0	100.0	100.0	515	1,987,940	12.58	2.44	1,615	12.0	100.0	100.0	100.0	1,701	310,970	7.11
All crop farms	2,175	43.6	56.6	46.0	37.0	639	949,795	16.24	2.54	615	8.0	38.1	18.7	24.6	1,293	70,610	6.57
All livestock farms	1,370	44.5	35.6	47.2	55.7	436	901,630	10.24	2.35	849	14.5	52.6	72.1	65.7	1,868	209,335	7.29
General crop and livestock farms	201	48.1	5.2	6.1	6.9	457	121,875	11.19	2.45	116	13.9	7.2	7.9	7.2	1,869	24,330	7.75
All other farms	100	6.4	2.6	0.7	0.4	1,034	14,640	26.38	2.55	35	13.2	2.2	1.3	2.6	842	6,695	5.87
Area 3	2,900	44.3	100.0	100.0	100.0	572	1,076,708	14.50	2.53	650	6.0	100.0	100.0	100.0	1,854	99,375	9.91
All crop farms	2,679	45.0	92.4	87.9	87.2	577	955,095	14.75	2.56	561	5.1	86.3	73.7	73.4	1,863	73,265	9.96
All livestock farms	118	39.3	4.1	5.8	6.2	540	59,380	12.97	2.40	47	11.7	7.2	16.3	13.6	2,222	16,060	11.82
General crop and livestock farms	91	44.4	3.1	6.1	6.4	544	60,265	12.68	2.33	32	9.9	4.9	7.6	10.6	1,340	7,950	7.50
All other farms	12	16.8	0.4	0.2	0.3	402	1,968	9.65	2.40	10	20.6	1.5	2.4	2.5	1,760	2,100	8.40
Area 4a	3,241	64.2	100.0	100.0	100.0	415	3,469,569	10.24	2.47	1,536	10.9	100.0	100.0	100.0	1,877	480,182	8.37
All crop farms	902	72.4	27.8	40.7	34.9	484	1,392,305	11.78	2.43	372	11.4	24.2	31.3	32.3	1,813	156,920	8.45
All livestock farms	1,837	58.9	56.7	46.3	50.1	383	1,635,008	9.63	2.51	945	10.7	61.5	55.0	53.8	1,920	256,708	8.32
General crop and livestock farms	486	66.6	15.0	12.9	14.8	363	436,300	8.70	2.40	219	10.6	14.3	13.7	13.9	1,858	66,554	8.35
All other farms	16	50.7	0.5	0.2	0.2	339	5,956	9.09	2.68	...	...	...	...	...	...	...	...
Area 4b	2,722	68.9	100.0	100.0	100.0	523	2,682,916	13.10	2.50	1,174	12.9	100.0	100.0	100.0	1,337	291,135	7.60
All crop farms	1,499	77.2	55.1	65.9	65.3	528	1,762,884	13.17	2.49	641	13.5	54.6	61.8	60.9	1,359	162,391	6.96
All livestock farms	824	58.9	30.3	18.3	21.2	451	496,987	11.45	2.54	303	10.2	25.8	22.3	19.6	1,519	76,608	10.18
General crop and livestock farms	366	57.3	13.4	14.5	13.0	587	386,240	14.55	2.48	213	14.7	18.1	14.7	17.8	1,104	48,226	7.07
All other farms	33	29.2	1.2	1.3	0.5	1,286	36,805	34.40	2.67	17	17.8	1.4	1.2	1.7	923	3,910	6.02
Massachusetts, total	6,097	32.1	100.0	100.0	100.0	697	3,197,274	21.43	3.07	2,350	6.2	100.0	100.0	100.0	2,334	248,132	8.65
All crop farms	1,861	53.0	30.5	45.1	27.1	1,163	1,555,159	38.52	3.31	455	7.5	19.4	18.6	19.9	2,188	54,907	9.63
All livestock farms	3,333	27.9	54.7	46.7	65.7	496	1,368,974	13.97	2.82	1,609	6.0	68.5	74.1	73.4	2,356	174,155	8.26
General crop and livestock farms	221	25.7	3.6	4.2	4.3	680	126,823	19.74	2.90	71	5.0	3.0	5.3	4.4	2,840	15,350	12.26
All other farms	682	34.2	11.2	3.9	2.9	938	146,318	33.51	3.57	215	5.2	9.1	2.0	2.3	1,970	3,720	5.59
Area 1	978	22.3	100.0	100.0	100.0	807	593,335	25.10	3.11	328	3.6	100.0	100.0	100.0	2,661	22,468	5.96
All crop farms	271	60.1	27.7	59.4	29.4	1,627	356,390	51.21	3.15	55	3.9	16.8	9.5	12.1	2,088	2,630	5.78
All livestock farms	641	18.6	65.5	38.6	68.2	457	226,362	14.03	3.07	272	3.8	82.9	90.4	87.8	2,741	19,793	5.98
General crop and livestock farms	36	7.9	3.7	1.1	1.7	532	6,278	15.46	2.91	1	0.1	0.3	0.2	0.2	2,286	45	6.43
All other farms	30	5.5	3.1	0.9	0.6	1,159	4,305	29.69	2.56	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Massachusetts—Continued																	
Area A	1,376	43.1	100.0	100.0	100.0	1,016	1,244,829	34.47	3.39	562	9.3	100.0	100.0	100.0	2,311	69,535	8.92
All crop farms	604	58.9	43.9	63.0	36.2	1,769	830,106	63.51	3.59	172	10.6	30.6	27.0	30.1	2,067	22,540	9.59
All livestock farms	671	37.4	48.8	32.3	58.9	557	358,155	16.84	3.02	365	9.3	64.9	68.8	67.8	2,346	45,020	8.52
General crop and livestock farms	45	46.1	3.3	3.5	4.6	768	35,815	21.45	2.79	5	2.8	0.9	2.5	1.3	4,500	1,500	15.00
All other farms	56	9.1	4.1	1.2	0.3	4,157	20,753	203.46	4.89	20	5.3	3.6	1.7	0.8	5,167	475	7.92
Area B	943	27.0	100.0	100.0	100.0	462	373,830	12.90	2.80	460	4.6	100.0	100.0	100.0	2,690	54,601	11.10
All crop farms	146	51.7	15.5	18.4	19.3	439	76,885	13.77	3.13	51	12.8	11.1	23.6	28.1	2,261	14,796	10.72
All livestock farms	672	24.5	71.3	74.4	75.1	457	265,880	12.23	2.67	369	3.7	80.2	70.2	67.4	2,804	36,915	11.15
General crop and livestock farms	35	16.9	3.7	4.8	3.6	605	19,255	18.25	3.02	20	2.9	4.3	5.1	3.7	3,778	2,380	13.22
All other farms	90	47.8	9.5	2.5	2.0	574	11,810	20.19	3.51	20	3.7	4.3	1.1	0.9	3,111	510	11.33
Area C	1,538	34.4	100.0	100.0	100.0	611	577,730	17.49	2.86	577	7.3	100.0	100.0	100.0	1,800	57,107	8.10
All crop farms	346	60.9	22.5	29.6	23.2	779	168,385	21.95	2.82	130	9.4	22.5	18.9	16.7	2,034	11,425	9.68
All livestock farms	712	29.2	46.3	54.2	65.2	508	294,615	13.68	2.69	292	6.5	50.6	68.2	68.6	1,789	38,082	7.88
General crop and livestock farms	60	32.7	3.9	3.1	4.5	427	20,530	13.97	3.27	15	12.4	2.6	7.6	7.9	1,730	5,385	9.70
All other farms	420	46.4	27.3	13.1	7.1	1,123	94,200	40.09	3.57	140	9.5	24.3	5.4	6.8	1,417	2,215	4.61
Areas 2, D, and E	1,262	37.8	100.0	100.0	100.0	536	407,550	14.86	2.77	423	7.1	100.0	100.0	100.0	2,521	44,421	8.59
All crop farms	494	37.4	39.1	27.7	25.8	574	123,393	17.40	3.03	47	1.8	11.1	8.8	6.6	3,398	3,516	10.37
All livestock farms	637	38.3	50.5	57.8	63.2	491	223,962	12.92	2.63	311	9.6	73.5	78.7	84.0	2,362	34,345	7.91
General crop and livestock farms	45	33.0	3.6	10.9	6.7	881	44,945	24.63	2.80	30	7.4	7.1	11.1	7.9	3,537	6,040	14.73
All other farms	86	43.3	6.8	3.6	4.3	447	15,250	12.87	2.88	35	2.9	8.3	1.4	1.5	2,250	520	6.50
Michigan, total	81,041	44.4	100.0	100.0	100.0	250	31,163,156	7.26	2.90	12,078	2.2	100.0	100.0	100.0	3,943	1,437,722	6.85
All crop farms	26,872	57.4	33.2	41.1	37.2	277	13,003,948	8.14	2.94	2,904	1.9	24.0	26.0	25.3	4,058	380,435	7.16
All livestock farms	40,426	37.5	49.9	41.4	45.6	228	12,658,105	6.47	2.84	7,156	2.4	59.2	57.0	58.6	3,836	818,935	6.65
General crop and livestock farms	12,798	45.0	15.8	17.0	17.0	251	5,360,924	7.35	2.93	1,958	2.0	16.2	16.4	15.8	4,104	232,632	7.02
All other farms	945	20.3	1.2	0.4	0.2	422	140,179	13.49	3.20	60	1.3	0.5	0.5	0.3	6,321	5,720	8.35
Area 1	912	10.5	100.0	100.0	100.0	343	153,075	9.34	2.73	352	2.6	100.0	100.0	100.0	4,874	24,870	6.10
All crop farms	78	38.3	8.6	26.4	19.4	465	41,140	12.94	2.78	15	1.7	4.3	3.3	3.4	4,643	1,035	7.39
All livestock farms	710	8.8	77.9	61.8	70.0	302	96,682	8.43	2.79	322	3.0	91.5	94.9	94.8	4,875	23,040	5.96
General crop and livestock farms	91	11.0	10.0	9.9	8.5	399	11,995	8.59	2.15	15	0.6	4.3	1.9	1.7	5,286	795	11.36
All other farms	33	6.4	3.6	1.9	2.1	320	3,258	9.64	3.02	...	...	...	...	...	...	...	...
Area 2	1,722	15.9	100.0	100.0	100.0	270	365,417	7.57	2.80	113	0.5	100.0	100.0	100.0	2,422	5,892	4.04
All crop farms	72	34.0	4.2	14.4	9.6	406	58,910	12.74	3.14	6	0.2	5.3	2.8	1.7	4,000	210	8.40
All livestock farms	1,440	16.4	83.6	76.5	81.2	254	273,857	6.99	2.75	102	0.6	90.3	93.8	94.9	2,394	5,562	4.02
General crop and livestock farms	127	8.3	7.4	7.5	7.5	267	25,529	7.02	2.63	5	0.1	4.4	3.4	3.4	2,400	120	2.40
All other farms	83	12.6	4.8	1.7	1.7	267	7,121	8.63	3.24	...	...	...	...	...	...	...	...
Area 3	3,165	30.1	100.0	100.0	100.0	281	998,618	9.57	3.40	620	2.5	100.0	100.0	100.0	3,827	57,200	6.51
All crop farms	1,105	41.4	34.9	46.3	39.5	330	485,128	11.76	3.56	155	2.3	25.0	25.6	26.0	3,772	15,335	6.73
All livestock farms	1,479	25.2	46.7	36.0	42.4	239	350,240	7.92	3.31	345	3.0	55.6	59.8	60.2	3,803	32,515	6.15
General crop and livestock farms	525	27.0	16.6	16.6	17.5	266	151,390	8.27	3.11	115	1.7	18.5	14.5	13.3	4,162	9,075	7.76
All other farms	56	14.2	1.8	1.1	0.6	543	11,860	20.52	3.78	5	1.2	0.8	0.1	0.6	1,000	275	5.50
Area 4a	4,576	22.2	100.0	100.0	100.0	284	1,255,456	8.47	2.98	1,171	2.6	100.0	100.0	100.0	3,480	96,264	5.46
All crop farms	552	38.1	12.1	25.9	15.9	462	334,590	14.20	3.07	72	1.5	6.1	3.8	5.4	2,448	5,278	5.53
All livestock farms	3,323	19.9	72.6	58.1	67.6	244	723,053	7.22	2.96	911	2.8	77.8	76.1	79.0	3,355	72,877	5.24
General crop and livestock farms	675	24.8	14.8	15.9	16.4	276	196,613	8.09	2.93	178	2.7	15.2	19.0	15.2	4,349	17,609	6.56
All other farms	26	3.4	0.6	0.1	0.1	409	1,200	9.45	2.31	10	1.9	0.9	1.1	0.4	9,286	500	7.14
Area 4b	3,396	20.7	100.0	100.0	100.0	241	717,916	6.57	2.73	351	1.1	100.0	100.0	100.0	3,547	38,687	6.41
All crop farms	476	35.3	14.0	22.1	17.9	297	157,985	8.07	2.72	20	0.4	5.7	3.4	3.7	3,200	1,175	5.22
All livestock farms	2,289	18.2	67.4	59.8	63.6	227	431,311	6.21	2.74	295	1.3	84.0	86.4	80.4	3,811	34,602	7.13
General crop and livestock farms	596	22.8	17.6	17.9	18.2	237	127,315	6.41	2.71	36	1.1	10.3	10.3	15.9	2,292	2,910	3.04
All other farms	35	8.9	1.0	0.2	0.3	179	1,305	4.50	2.51	...	...	...	...	...	...	...	...
Areas 5a and A	10,189	53.5	100.0	100.0	100.0	248	4,093,703	6.92	2.79	635	0.9	100.0	100.0	100.0	3,076	61,900	6.07
All crop farms	4,591	62.4	45.1	53.1	49.7	265	2,177,698	7.40	2.80	175	0.7	27.6	28.6	32.6	2,704	21,700	6.53
All livestock farms	3,704	44.3	36.4	28.6	32.1	221	1,151,410	6.06	2.75	330	1.0	52.0	50.1	41.6	3,703	28,135	6.63
General crop and livestock farms	1,829	52.2	18.0	18.1	18.0	249	756,945	7.09	2.85	130	1.3	20.5	21.3	25.8	2,535	12,065	4.58
All other farms	65	42.0	0.6	0.2	0.1	321	7,650	9.75	3.04	...	...	...	...	...	...	...	...
Area 5b	9,118	58.2	100.0	100.0	100.0	239	4,386,903	6.90	2.89	281	0.4	100.0	100.0	100.0	3,374	28,795	6.96
All crop farms	3,823	67.2	42.0	46.5	46.6	239	2,093,527	7.07	2.96	95	0.3	33.8	29.6	35.1	2,838	9,260	6.36
All livestock farms	3,783	48.2	41.5	34.0	35.1	232	1,429,456	6.41	2.76	151	0.5	53.7	60.4	51.0	4,000	16,225	7.69
General crop and livestock farms	1,492	61.5	16.4	19.4	18.3	254	861,145	7.41	2.92	35	0.3	12.5	10.0	13.9	2,435	3,310	5.76
All other farms	20	18.6	0.2	0.1	(Z)	350	2,775	11.56	3.30	...	...	...	...	...	...	...	...
Areas 6a, B, and C	7,248	43.0	100.0	100.0	100.0	272	2,375,115	8.11	2.98	1,610	3.6	100.0	100.0	100.0	3,886	178,280	7.24
All crop farms	1,542	52.7	21.3	34.7	22.8	415	860,475	12.89	3.11	300	4.3	18.6	20.7	22.1	3,639	42,785	7.87
All livestock farms	4,506	40.3	62.2	51.2	61.0	229	1,185,620	6.64	2.90	1,070	3.5	66.5	69.0	62.2	4,309	114,685	7.48
General crop and livestock farms	1,065	42.9	14.7	13.3	15.9	227	308,510	6.61	2.92	235	3.5	14.6	10.2	15.6	2,550	20,630	5.38
All other farms	135	28.3	1.9	0.8	0.3	685	20,510	21.36	3.12	5	0.9	0.3	0.1	0.1	3,000	180	6.00
Area 6b	4,817	55.2	100.0	100.0	100.0	336	2,220,300	10.88	3.24	1,103	4.5	100.0	100.0	100.0	3,969	131,454	7.83
All crop farms	2,901	58.8	60.2	61.3	53.6	384	1,365,247	12.49	3.25	583	4.7	52.9	52.5	52.5	3,974	68,794	7.81
All livestock farms	1,100	50.3	22.8	20.4	26.6	258	454,175	8.38	3.25	335	4.8	30.4	31.9	30.6	4,146	38,495	7.50
General crop and livestock farms	761	54.2	15.8	17.1	18.9	303	375,488	9.72	3.21	175	3.8	15.9	14.3	16.1	3,526	22,155	8.21
All other farms	55	41.1	1.1	1.2	0.9	425	25,390	13.61	3.21	10	3.2	0.9	1.2	0.9	5,586	2,010	13.86

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
			Percent distribution of—				Expenditures (dollars)					Percent distribution of—				Expenditures (dollars)	
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Farms reporting fertilizer	Fertilizer used	Acres fertilized	Quantity used per acre fertilized (lb.)	For fertilizer	Per acre fertilized	Per cwt. of fertilizer used	Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Farms reporting lime	Lime used	Acres limed	Quantity used per acre limed (lb.)	For lime	Per acre limed
Michigan—Continued																	
Areas 7, D, and E	14,540	46.9	100.0	100.0	100.0	227	5,558,842	6.50	2.87	2,088	2.0	100.0	100.0	100.0	3,420	271,941	7.32
All crop farms	4,139	52.3	28.5	31.3	29.4	242	1,758,750	7.00	2.90	409	1.9	19.6	25.0	24.6	3,473	69,700	7.63
All livestock farms	8,133	44.5	55.9	52.9	54.8	219	2,913,164	6.22	2.84	1,307	2.2	62.6	58.8	61.3	3,278	162,493	7.13
General crop and livestock farms	2,193	47.4	15.1	15.7	15.8	226	880,698	6.53	2.89	372	1.8	17.8	16.3	14.1	3,947	39,748	7.59
All other farms	75	14.1	.5	0.1	(Z)	535	6,230	15.58	2.91	...	...	...	...	...	...	...	...
Areas 8 and F	9,013	51.7	100.0	100.0	100.0	260	3,672,509	7.13	2.74	768	2.0	100.0	100.0	100.0	2,440	119,150	5.89
All crop farms	3,498	62.1	38.8	44.1	41.0	280	1,618,573	7.66	2.74	247	1.6	32.2	22.9	27.4	2,036	25,674	4.63
All livestock farms	4,189	44.8	46.5	39.0	44.5	228	1,364,746	5.96	2.61	400	2.5	52.1	62.2	61.9	2,453	69,771	5.57
General crop and livestock farms	1,144	52.6	12.7	16.3	14.0	302	662,000	9.16	3.03	111	1.6	14.5	14.7	10.6	3,400	23,205	10.87
All other farms	182	31.7	2.0	0.6	0.5	346	27,190	11.16	3.22	10	0.3	1.3	0.2	0.1	3,600	500	20.00
Area 9a	6,122	53.4	100.0	100.0	100.0	233	2,523,770	6.52	2.79	870	2.0	100.0	100.0	100.0	4,334	97,425	6.64
All crop farms	2,203	60.7	36.0	40.4	37.8	250	1,018,620	6.97	2.79	265	1.8	30.5	27.1	29.8	3,945	25,315	5.80
All livestock farms	2,733	49.5	44.6	42.0	43.9	224	1,055,285	6.22	2.78	490	2.5	56.3	62.3	57.8	4,667	59,105	6.97
General crop and livestock farms	1,156	50.8	18.9	17.4	18.3	222	446,745	6.31	2.84	115	1.3	13.2	10.6	12.4	3,714	13,005	7.15
All other farms	30	17.5	0.5	0.1	0.1	305	3,120	9.90	3.25	...	...	...	...	...	...	...	...
Areas 9b and G	6,223	43.8	100.0	100.0	100.0	240	2,841,532	7.35	3.06	2,116	5.0	100.0	100.0	100.0	5,438	325,864	7.36
All crop farms	1,892	50.6	30.4	36.3	33.7	259	1,033,305	7.93	3.07	562	4.4	26.6	31.2	25.8	6,564	94,174	8.24
All livestock farms	3,037	40.5	48.8	42.9	46.3	222	1,229,106	6.87	3.09	1,098	5.2	51.9	45.0	52.4	4,670	161,430	6.96
General crop and livestock farms	1,144	42.6	18.4	20.1	19.7	245	556,551	7.31	2.98	436	5.2	20.6	22.8	21.0	5,898	68,005	7.32
All other farms	150	25.1	2.4	0.8	0.3	567	22,570	18.28	3.22	20	7.4	0.9	1.1	0.8	7,233	2,255	6.18
Minnesota, total	72,466	18.8	100.0	100.0	100.0	151	22,975,308	5.54	3.66	11,580	0.9	100.0	100.0	100.0	3,947	960,039	5.07
All crop farms	19,153	22.0	26.4	37.7	41.8	136	8,986,438	5.18	3.80	943	0.2	8.1	9.3	9.3	3,913	100,977	5.71
All livestock farms	38,830	17.3	53.6	43.6	40.3	164	9,767,743	5.85	3.57	8,922	1.5	77.0	73.9	74.6	3,912	701,085	4.96
General crop and livestock farms	14,245	16.6	19.7	18.5	17.9	156	4,185,817	5.63	3.61	1,668	0.7	14.4	16.7	15.9	4,140	156,442	5.18
All other farms	238	10.6	0.3	0.2	0.1	430	35,310	15.88	3.69	47	1.6	0.4	0.1	0.2	2,986	1,535	4.45
Area 1	8,310	26.4	100.0	100.0	100.0	93	4,066,388	3.66	3.93	34	(Z)	100.0	100.0	100.0	1,738	494	2.59
All crop farms	4,812	32.1	57.9	74.8	77.9	89	3,088,838	3.57	3.99	13	(Z)	38.2	15.7	16.2	1,677	173	5.58
All livestock farms	1,788	14.3	21.5	10.9	9.2	111	421,309	4.13	3.72	15	(Z)	44.1	63.3	65.4	1,680	175	1.40
General crop and livestock farms	1,710	17.8	20.6	14.3	12.9	103	556,241	3.89	3.77	6	(Z)	17.6	21.1	18.3	2,000	146	4.17
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Areas 2 and A	2,606	6.5	100.0	100.0	100.0	175	341,613	5.88	3.36	1,031	1.2	100.0	100.0	100.0	3,203	65,457	5.99
All crop farms	140	8.8	5.4	9.5	9.5	176	36,070	6.57	3.74	25	0.4	2.4	2.9	2.4	3,887	2,080	7.85
All livestock farms	2,043	6.2	78.4	66.2	69.2	168	225,379	5.61	3.34	923	1.5	89.5	87.5	89.3	3,138	56,777	5.82
General crop and livestock farms	383	7.4	14.7	23.4	21.1	194	77,994	6.37	3.28	63	0.5	6.1	8.2	7.0	3,740	6,015	7.81
All other farms	40	1.2	1.5	0.9	0.2	681	2,170	16.07	2.36	20	1.2	1.9	1.3	1.2	3,481	585	4.33
Area 3	4,891	10.1	100.0	100.0	100.0	126	756,639	4.42	3.52	185	0.1	100.0	100.0	100.0	2,268	14,615	6.12
All crop farms	379	15.6	7.7	14.8	18.0	103	123,087	3.99	3.87	10	0.1	5.4	5.7	5.4	2,385	1,115	8.58
All livestock farms	3,612	9.3	73.8	65.1	62.1	132	477,325	4.50	3.42	155	0.2	83.8	83.8	85.4	2,225	11,865	5.82
General crop and livestock farms	885	9.8	18.1	20.0	19.8	127	155,722	4.59	3.62	20	0.1	10.8	10.5	9.2	2,591	1,635	7.43
All other farms	15	6.4	0.3	0.1	(Z)	160	505	6.73	4.21	...	...	...	...	...	...	...	...
Area 4	7,494	19.9	100.0	100.0	100.0	161	1,198,858	5.73	3.55	2,457	2.5	100.0	100.0	100.0	3,349	118,996	4.60
All crop farms	324	19.2	4.3	9.1	7.2	205	117,072	7.80	3.80	95	1.3	3.9	4.3	4.0	3,570	6,121	5.85
All livestock farms	6,642	19.8	88.6	82.2	83.5	159	975,466	5.58	3.52	2,148	2.6	87.4	86.4	87.1	3,321	100,670	4.46
General crop and livestock farms	518	22.0	6.9	8.6	9.3	150	105,590	5.44	3.63	209	2.5	8.5	9.1	8.5	3,579	11,965	5.43
All other farms	10	3.0	0.1	0.1	0.1	174	730	6.35	3.65	5	2.0	0.2	0.2	0.3	1,867	240	3.20
Area 5	9,757	12.7	100.0	100.0	100.0	169	3,378,846	6.42	3.79	70	(Z)	100.0	100.0	100.0	2,419	2,550	4.86
All crop farms	4,357	11.1	44.7	44.8	46.0	165	1,536,060	6.35	3.85	30	(Z)	42.9	62.2	63.8	2,358	1,435	4.28
All livestock farms	3,183	15.8	32.6	34.8	32.8	180	1,147,382	6.64	3.69	30	(Z)	42.9	30.7	28.6	2,600	985	6.57
General crop and livestock farms	2,217	12.7	22.7	20.4	21.2	163	695,404	6.24	3.82	10	(Z)	14.3	7.1	7.6	2,250	130	3.25
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Areas 6 and B	15,767	18.5	100.0	100.0	100.0	179	4,322,701	6.32	3.52	4,955	2.5	100.0	100.0	100.0	4,153	437,838	4.79
All crop farms	1,998	24.7	12.7	19.7	15.4	229	897,570	8.51	3.71	428	1.8	8.6	8.4	8.4	4,155	41,690	5.45
All livestock farms	10,498	17.4	66.6	58.4	63.0	166	2,502,205	5.80	3.49	3,691	2.7	74.5	72.9	73.2	4,135	314,272	4.70
General crop and livestock farms	3,129	18.5	19.8	21.3	21.4	179	894,376	6.11	3.42	815	2.1	16.4	18.7	18.4	4,231	81,576	4.85
All other farms	142	40.5	0.9	0.6	0.2	524	28,550	20.48	3.91	21	1.7	0.4	(Z)	0.1	2,000	300	5.00
Area 7	11,592	22.8	100.0	100.0	100.0	188	4,288,752	6.80	3.63	2,757	2.0	100.0	100.0	100.0	4,155	293,600	5.33
All crop farms	3,118	22.5	26.9	36.8	32.4	213	1,559,467	7.63	3.58	306	0.9	11.1	13.3	14.2	3,910	45,234	5.79
All livestock farms	5,487	25.0	47.3	41.8	45.4	173	1,805,685	6.30	3.65	1,920	3.2	69.6	68.2	67.6	4,194	194,221	5.22
General crop and livestock farms	2,976	19.7	25.7	21.3	22.1	181	921,435	6.61	3.66	530	1.4	19.2	18.3	18.1	4,202	53,735	5.39
All other farms	11	28.6	0.1	0.1	0.1	224	2,165	6.56	2.93	1	6.5	(Z)	0.1	0.1	4,000	410	5.47
Area 8	12,049	21.2	100.0	100.0	100.0	168	4,621,511	6.08	3.61	91	0.1	100.0	100.0	100.0	3,478	26,489	8.55
All crop farms	4,025	19.9	33.4	34.5	35.0	166	1,628,274	6.12	3.69	36	(Z)	39.6	9.1	13.7	2,331	3,129	7.40
All livestock farms	5,577	23.1	46.3	48.2	46.9	173	2,212,992	6.20	3.59	40	0.2	44.0	87.3	82.5	3,683	22,120	8.66
General crop and livestock farms	2,427	19.7	20.1	17.2	18.0	161	779,055	5.68	3.53	15	(Z)	16.5	3.5	3.9	3,167	1,240	10.33
All other farms	20	56.5	0.2	(Z)	(Z)	160	1,190	6.80	4.25	...	...	...	...	...	...	...	...
Mississippi, total	138,241	53.9	100.0	100.0	100.0	315	36,872,610	9.21	2.92	4,924	2.6	100.0	100.0	100.0	1,727	900,575	4.67
All crop farms	119,805	60.5	86.7	77.2	78.3	311	29,407,607	9.37	3.02	2,157	1.3	43.8	38.1	33.8	1,944	353,800	5.43
All livestock farms	13,770	38.2	10.0	17.5	16.6	331	5,681,606	8.52	2.57	2,213	6.2	44.9	52.6	56.5	1,609	457,188	4.20
General crop and livestock farms	3,921	43.6	2.8	4.8	4.5	333	1,599,702	8.86	2.66	472	3.2	9.6	7.4	6.9	1,845	71,424	5.36
All other farms	745	22.6	0.5	0.6	0.6	356	183,695	8.75	2.46	82	5.8	1.7	1.9	2.8	1,190	18,163	3.34

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer								Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Mississippi—Continued																	
Area 1	39,675	58.7	100.0	100.0	100.0	216	11,882,295	8.99	4.16	355	1.5	100.0	100.0	100.0	2,234	197,208	5.66
All crop farms	39,224	59.9	98.9	95.0	94.5	217	11,356,617	9.10	4.18	323	1.1	91.0	68.1	63.6	2,390	146,142	6.59
All livestock farms	289	44.4	0.7	2.5	2.9	185	270,008	7.09	3.84	24	13.9	6.8	29.6	34.3	1,928	43,101	3.61
General crop and livestock farms	150	44.2	0.4	2.5	2.6	207	253,665	7.42	3.58	8	0.9	2.3	2.3	2.1	2,517	7,965	11.14
All other farms	12	14.3	(Z)	(Z)	(Z)	224	2,005	5.90	2.64	...	...	...	...	...	...	...	...
Area 2	25,286	47.5	100.0	100.0	100.0	343	6,388,635	9.74	2.84	725	2.9	100.0	100.0	100.0	1,698	178,072	4.41
All crop farms	23,510	53.5	93.0	82.8	80.8	351	5,313,052	10.02	2.86	419	1.6	57.8	43.7	38.8	1,909	78,200	4.98
All livestock farms	1,458	32.2	5.8	14.2	15.8	308	886,148	8.54	2.77	269	7.2	37.1	52.0	57.4	1,537	90,705	3.91
General crop and livestock farms	272	34.9	1.1	2.8	3.1	310	178,021	8.73	2.81	28	2.2	3.9	4.0	3.2	2,108	7,915	6.08
All other farms	46	20.1	0.2	0.2	0.3	262	11,414	6.69	2.56	9	2.4	1.2	0.4	0.5	1,239	1,252	6.11
Areas 3 and A	11,785	41.2	100.0	100.0	100.0	345	2,950,381	9.10	2.64	715	3.4	100.0	100.0	100.0	1,437	123,857	4.65
All crop farms	8,861	56.6	75.2	58.7	56.3	360	1,746,033	9.57	2.66	182	1.6	25.5	20.0	19.6	1,466	26,848	5.14
All livestock farms	2,238	30.6	19.0	33.0	36.0	316	961,252	8.23	2.61	441	4.6	61.7	66.5	66.0	1,449	83,894	4.77
General crop and livestock farms	587	38.7	5.0	7.3	6.6	382	215,647	10.15	2.66	75	3.7	10.5	9.4	7.7	1,761	8,427	4.11
All other farms	99	13.2	0.8	1.0	1.2	290	27,449	7.14	2.46	17	6.2	2.4	4.1	6.7	867	4,688	2.61
Area 4	15,778	59.1	100.0	100.0	100.0	381	3,666,653	9.43	2.47	734	2.0	100.0	100.0	100.0	1,536	50,961	3.82
All crop farms	13,427	63.5	85.1	82.7	81.6	387	3,026,513	9.54	2.47	456	1.5	62.1	53.4	54.4	1,509	28,714	3.96
All livestock farms	1,577	45.1	10.0	12.2	13.1	355	460,271	9.01	2.54	215	4.2	29.3	35.8	36.0	1,529	15,558	3.24
General crop and livestock farms	690	47.8	4.4	4.6	4.8	364	167,974	8.98	2.46	58	1.9	7.9	5.5	5.6	1,512	4,039	5.39
All other farms	84	29.0	0.5	0.4	0.4	384	11,895	7.23	1.88	5	9.4	0.7	5.2	4.0	2,000	2,650	5.00
Area 5	10,812	40.6	100.0	100.0	100.0	337	2,384,874	8.11	2.40	257	1.7	100.0	100.0	100.0	1,939	47,571	3.83
All crop farms	8,537	53.6	79.0	64.9	62.7	349	1,545,935	8.38	2.40	104	1.0	40.5	22.5	26.9	1,623	11,677	3.50
All livestock farms	1,811	29.4	16.7	28.9	31.3	312	680,072	7.40	2.37	140	2.7	54.5	72.2	68.2	2,053	33,697	3.98
General crop and livestock farms	418	26.9	3.9	5.8	5.7	342	147,586	8.81	2.58	13	1.0	5.1	5.3	4.9	2,099	2,197	3.61
All other farms	46	18.9	0.4	0.5	0.3	493	11,281	11.99	2.43	...	...	...	...	...	...	...	...
Area 6a	21,932	62.6	100.0	100.0	100.0	373	5,539,558	9.45	2.53	1,179	3.7	100.0	100.0	100.0	1,578	158,945	4.61
All crop farms	17,715	70.7	80.8	72.4	71.7	377	4,011,287	9.55	2.53	438	1.2	37.2	21.1	20.0	1,662	36,312	5.26
All livestock farms	3,236	48.1	14.8	21.9	22.5	364	1,214,490	9.21	2.53	620	8.8	52.6	68.3	70.1	1,538	103,955	4.30
General crop and livestock farms	801	54.2	3.7	4.8	5.1	354	267,949	8.95	2.53	118	4.5	10.0	9.9	7.3	2,140	17,398	6.94
All other farms	180	29.7	0.8	0.9	0.7	467	45,832	11.29	2.42	3	6.5	0.3	0.7	2.6	436	1,280	1.44
Area 6b	9,810	61.4	100.0	100.0	100.0	361	2,389,425	9.19	2.55	535	3.6	100.0	100.0	100.0	1,640	62,939	4.15
All crop farms	7,254	70.4	73.9	67.2	66.5	365	1,615,477	9.35	2.56	169	1.0	31.6	18.5	16.2	1,875	13,500	5.51
All livestock farms	1,731	48.3	17.6	23.0	24.2	343	544,352	8.64	2.52	235	6.7	43.9	56.4	57.8	1,602	33,854	3.86
General crop and livestock farms	650	59.2	6.6	8.5	8.1	381	199,972	9.53	2.50	108	9.2	20.2	20.3	21.4	1,553	11,540	3.56
All other farms	175	25.6	1.8	1.2	1.2	362	29,624	9.26	2.56	23	5.7	4.3	4.9	4.7	1,699	4,045	5.68
Area 7	2,620	67.0	100.0	100.0	100.0	458	1,444,677	9.39	2.05	320	5.9	100.0	100.0	100.0	1,572	68,602	5.08
All crop farms	1,215	80.3	46.4	58.9	50.8	531	760,398	9.73	1.83	51	2.1	15.9	17.1	15.3	1,758	11,857	5.73
All livestock farms	1,059	59.5	40.4	30.4	36.1	386	510,784	9.19	2.38	186	8.7	58.1	57.3	60.1	1,497	41,494	5.11
General crop and livestock farms	298	61.7	11.4	9.2	10.4	406	147,303	9.24	2.28	59	8.2	18.4	16.6	15.6	1,676	11,753	5.57
All other farms	48	31.3	1.8	1.5	2.7	251	26,192	6.40	2.55	24	9.2	7.5	8.9	8.9	1,577	3,498	2.90
Area 8	543	48.6	100.0	100.0	100.0	462	226,112	10.49	2.27	104	4.6	100.0	100.0	100.0	1,552	12,420	6.03
All crop farms	62	73.4	11.4	13.5	14.9	419	32,295	10.06	2.40	15	2.6	14.4	4.4	5.6	1,217	550	4.78
All livestock farms	371	46.6	68.3	70.3	68.2	476	154,229	10.49	2.20	83	5.8	79.8	90.9	88.3	1,597	10,930	6.01
General crop and livestock farms	55	47.1	10.1	9.7	11.5	388	21,585	8.70	2.24	5	0.5	4.8	1.6	1.2	2,000	190	7.60
All other farms	55	37.1	10.1	6.5	5.4	561	18,003	15.49	2.76	1	3.2	1.0	3.1	4.9	1,000	750	7.50
Missouri, total	98,473	35.2	100.0	100.0	100.0	220	43,235,722	7.35	3.34	28,346	3.8	100.0	100.0	100.0	4,312	4,183,018	6.51
All crop farms	24,164	37.6	24.5	27.9	29.4	209	12,445,310	7.19	3.45	5,570	3.2	19.7	22.3	23.0	4,184	945,285	6.39
All livestock farms	62,110	33.7	63.1	60.0	57.5	229	25,593,220	7.56	3.30	18,953	4.2	66.9	64.9	64.9	4,314	2,694,700	6.46
General crop and livestock farms	11,897	37.0	12.1	12.0	13.0	203	5,154,769	6.75	3.32	3,774	3.7	13.3	12.6	12.0	4,540	535,599	6.97
All other farms	302	22.0	0.3	0.1	0.1	377	42,423	11.55	3.07	49	6.1	0.2	0.2	0.2	4,627	7,434	7.29
Areas 1 and A	10,111	25.8	100.0	100.0	100.0	212	5,761,462	8.39	3.96	3,735	3.8	100.0	100.0	100.0	3,777	578,712	5.80
All crop farms	1,985	27.8	19.6	21.3	25.6	176	1,373,159	7.81	4.43	507	2.2	13.6	13.9	13.9	3,801	76,214	5.51
All livestock farms	7,171	25.2	70.9	71.1	66.3	227	3,951,199	8.67	3.82	2,884	4.4	77.2	78.1	78.9	3,739	458,854	5.83
General crop and livestock farms	889	24.9	8.8	7.3	8.0	194	423,489	7.73	3.99	333	3.3	8.9	7.9	7.2	4,143	43,044	6.01
All other farms	66	50.7	0.7	0.3	0.1	622	13,615	18.91	3.04	11	6.0	0.3	0.1	0.1	4,706	600	7.06
Area 2a	13,394	26.1	100.0	100.0	100.0	220	5,338,638	7.78	3.53	5,325	4.5	100.0	100.0	100.0	4,127	777,222	6.51
All crop farms	2,653	26.0	19.8	22.3	24.7	198	1,205,791	7.11	3.58	908	3.4	17.1	18.8	18.8	4,137	168,653	7.52
All livestock farms	9,028	26.6	67.4	67.8	64.0	234	3,579,726	8.16	3.49	3,832	5.2	72.0	71.5	72.3	4,081	539,585	6.25
General crop and livestock farms	1,708	23.7	12.8	9.9	11.3	193	552,996	7.13	3.69	580	3.2	10.9	9.6	8.8	4,492	68,484	6.52
All other farms	5	33.3	(Z)	(Z)	(Z)	400	125	25.00	6.25	5	7.0	0.1	0.1	0.1	4,000	500	4.76
Area 2b	15,356	38.6	100.0	100.0	100.0	249	9,368,901	8.40	3.37	7,293	6.3	100.0	100.0	100.0	4,902	1,287,405	7.11
All crop farms	4,022	36.7	26.2	27.5	29.2	235	2,599,768	8.00	3.40	1,922	5.7	26.4	28.0	28.1	4,892	346,740	6.82
All livestock farms	9,433	39.9	61.4	61.9	59.3	260	5,750,547	8.70	3.35	4,475	6.6	61.4	61.0	60.6	4,935	795,143	7.25
General crop and livestock farms	1,885	37.3	12.3	10.5	11.5	228	1,014,846	7.89	3.46	886	5.8	12.1	10.7	11.1	4,730	142,072	7.07
All other farms	16	49.6	0.1	(Z)	(Z)	334	3,740	11.16	3.34	10	59.2	0.1	0.2	0.2	5,500	3,450	8.62
Area 3	12,679	47.9	100.0	100.0	100.0	176	6,181,118	5.83	3.31	3,324	3.8	100.0	100.0	100.0	4,254	516,983	6.22
All crop farms	2,768	56.0	21.8	26.0	29.0	158	1,557,136	5.06	3.21	606	3.3	18.2	19.4	21.6	3,820	99,080	5.53
All livestock farms	7,588	44.6	59.8	55.6	51.8	189	3,533,337	6.43	3.40	2,027	4.0	61.0	59.7	59.1	4,299	312,484	6.36
General crop and livestock farms	2,312	46.8	18.2	18.4	19.1	170	1,088,133	5.38	3.16	690	3.7	20.8	20.7	19.2	4,603	104,505	6.56
All other farms	11	33.3	0.1	(Z)	(Z)	173	2,512	5.29	3.06	1	9.8	(Z)	0.2	0.2	4,000	914	6.53

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Missouri—Continued																	
Area 4	5,401	50.6	100.0	100.0	100.0	200	2,030,569	5.53	2.76	905	2.1	100.0	100.0	100.0	3,793	82,981	5.47
All crop farms	987	61.7	18.3	31.6	32.8	193	655,171	5.43	2.82	217	2.1	24.0	26.3	27.4	3,631	22,177	5.33
All livestock farms	3,774	44.8	69.9	54.0	53.6	202	1,083,831	5.51	2.73	589	2.1	65.1	58.0	60.1	3,663	49,341	5.42
General crop and livestock farms	630	55.3	11.7	14.3	13.5	211	291,057	5.85	2.77	99	2.1	10.9	15.7	12.5	4,771	11,463	6.05
All other farms	10	25.0	0.2	(Z)	(Z)	500	510	12.75	2.55	...	...	...	...	...	...	...	...
Area 5	5,993	34.3	100.0	100.0	100.0	213	1,884,090	6.76	3.17	1,225	2.9	100.0	100.0	100.0	4,335	152,596	6.53
All crop farms	423	49.7	7.1	8.5	9.8	185	163,735	6.01	3.25	68	3.0	5.6	6.1	7.0	3,769	9,720	5.91
All livestock farms	4,841	32.3	80.8	79.5	76.8	221	1,486,821	6.95	3.15	993	2.8	81.1	81.5	79.2	4,463	125,579	6.79
General crop and livestock farms	714	39.4	11.9	11.9	13.4	190	232,379	6.21	3.27	164	3.4	13.4	12.4	13.8	3,889	17,297	5.37
All other farms	15	19.3	0.3	0.1	(Z)	338	1,155	8.88	2.62	...	...	...	...	...	...	...	...
Areas 6 and 8	10,835	36.1	100.0	100.0	100.0	240	3,970,694	7.50	3.12	3,191	3.1	100.0	100.0	100.0	4,694	296,614	6.58
All crop farms	1,589	32.6	14.7	15.1	16.5	220	623,803	7.12	3.24	431	2.6	13.5	14.0	15.3	4,291	39,812	5.78
All livestock farms	7,331	37.0	67.7	69.2	67.4	247	2,712,295	7.60	3.08	2,179	3.2	68.3	68.9	68.1	4,751	207,590	6.76
General crop and livestock farms	1,805	36.5	16.7	15.4	15.9	232	621,811	7.37	3.18	571	3.2	17.9	17.0	16.5	4,835	48,602	6.55
All other farms	110	18.6	1.0	0.3	0.2	394	12,785	13.11	3.33	10	1.1	0.3	0.1	0.1	4,000	610	10.17
Area 7	10,879	34.1	100.0	100.0	100.0	222	2,827,420	6.40	2.88	1,399	1.6	100.0	100.0	100.0	3,578	109,665	5.37
All crop farms	377	46.0	3.5	4.8	5.2	203	124,422	5.39	2.65	51	3.2	3.6	4.6	7.9	2,106	4,860	3.03
All livestock farms	9,633	32.5	88.5	85.6	83.9	226	2,430,344	6.56	2.90	1,199	1.4	85.7	83.0	81.0	3,667	91,211	5.51
General crop and livestock farms	827	47.3	7.6	9.4	10.8	193	267,629	5.59	2.90	138	2.2	9.9	12.3	11.0	3,981	13,434	5.95
All other farms	42	8.9	0.4	0.2	0.1	460	5,025	12.85	2.79	11	0.7	0.8	0.1	0.1	3,333	160	5.33
Area 8	3,221	30.9	100.0	100.0	100.0	255	974,090	7.54	2.96	654	3.2	100.0	100.0	100.0	4,550	83,110	6.20
All crop farms	278	39.4	8.6	7.3	8.5	219	72,245	6.56	2.99	42	2.4	6.4	5.9	5.0	5,414	4,563	6.85
All livestock farms	2,657	29.7	82.5	84.5	81.7	264	817,122	7.74	2.94	581	3.4	88.8	89.7	90.5	4,513	74,182	6.11
General crop and livestock farms	269	38.8	8.4	8.0	9.5	214	82,842	6.75	3.15	30	1.3	4.6	3.0	3.1	4,537	3,165	7.72
All other farms	17	14.6	0.5	0.2	0.3	196	1,881	5.42	2.77	1	8.4	0.2	1.3	1.5	4,000	1,200	6.00
Area 9a	4,433	35.6	100.0	100.0	100.0	221	1,688,886	7.26	3.28	752	2.9	100.0	100.0	100.0	4,265	162,023	8.42
All crop farms	3,244	37.0	73.2	69.5	68.9	223	1,176,005	7.34	3.29	404	2.2	53.7	49.3	50.3	4,178	70,584	7.30
All livestock farms	573	29.3	12.9	12.4	13.1	211	204,278	6.73	3.20	163	4.5	21.7	22.0	24.3	3,858	28,081	6.00
General crop and livestock farms	606	35.5	13.7	18.0	17.9	223	307,528	7.38	3.32	185	4.2	24.6	28.7	25.4	4,827	63,358	12.97
All other farms	10	75.0	0.2	0.1	0.1	173	1,075	4.22	2.44	...	...	...	...	...	...	...	...
Area 9b	6,171	37.3	100.0	100.0	100.0	253	3,209,854	9.05	3.58	543	2.4	100.0	100.0	100.0	3,271	135,707	5.94
All crop farms	5,838	37.7	94.6	90.3	90.7	252	2,894,075	9.00	3.57	414	2.1	76.2	77.3	79.6	3,179	102,882	5.66
All livestock farms	81	22.6	1.3	1.5	1.6	233	43,720	7.69	3.31	31	6.2	5.7	6.7	6.8	3,226	12,650	8.16
General crop and livestock farms	252	37.8	4.1	8.2	7.7	269	272,059	9.95	3.70	98	4.3	18.0	16.0	13.6	3,838	20,175	6.50
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Montana, total	6,027	4.2	100.0	100.0	100.0	86	2,186,223	3.47	4.06	40	(Z)	100.0	100.0	100.0	730	1,306	2.19
All crop farms	2,883	4.3	47.8	54.9	71.0	66	1,238,519	2.77	4.18	30	(Z)	75.0	34.4	51.9	484	635	2.05
All livestock farms	2,306	3.6	38.3	33.5	22.3	129	689,541	4.91	3.82	8	(Z)	20.0	36.7	12.4	2,162	326	4.41
General crop and livestock farms	796	6.3	13.2	11.3	6.6	145	253,127	6.05	4.16	2	(Z)	5.0	28.9	35.7	592	345	1.62
All other farms	42	5.1	0.7	0.2	0.1	274	5,036	10.60	3.87	...	...	...	...	...	...	...	...
Area 1a	1,229	8.9	100.0	100.0	100.0	146	275,641	5.39	3.69	36	0.1	100.0	100.0	100.0	533	975	2.00
All crop farms	424	12.5	34.5	38.3	37.4	149	101,855	5.32	3.56	30	0.2	83.3	57.7	63.5	484	635	2.05
All livestock farms	604	7.7	49.1	47.3	50.5	137	129,128	5.00	3.66	5	(Z)	13.9	3.8	2.0	1,000	40	4.00
General crop and livestock farms	170	7.5	13.8	12.8	11.2	166	39,823	6.93	4.17	1	0.2	2.8	38.5	34.4	595	300	1.79
All other farms	31	6.1	2.5	1.6	0.8	287	4,835	11.38	3.96	...	...	...	...	...	...	...	...
Area 1b	933	4.9	100.0	100.0	100.0	122	324,108	4.69	3.84	2	(Z)	100.0	100.0	100.0	1,824	315	3.46
All crop farms	243	7.3	26.0	31.6	38.2	101	110,354	4.19	4.14	...	...	...	...	...	...	...	...
All livestock farms	545	3.6	58.4	57.1	49.4	141	174,203	5.11	3.61	1	(Z)	50.0	84.3	50.5	3,043	270	5.87
General crop and livestock farms	145	8.0	15.5	11.3	12.4	111	39,551	4.60	4.15	1	(Z)	50.0	15.7	49.5	578	45	1.00
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2a	1,318	8.0	100.0	100.0	100.0	43	542,556	1.83	4.28	...	...	...	...	...	...	...	...
All crop farms	995	8.6	75.5	80.1	88.5	39	447,408	1.70	4.41	...	...	...	...	...	...	...	...
All livestock farms	256	4.9	19.4	16.0	9.4	73	74,417	2.67	3.68	...	...	...	...	...	...	...	...
General crop and livestock farms	57	7.7	4.3	3.8	2.1	79	20,581	3.32	4.23	...	...	...	...	...	...	...	...
All other farms	10	60.0	0.8	(Z)	(Z)	400	150	10.00	2.50	...	...	...	...	...	...	...	...
Area 2b	1,067	1.7	100.0	100.0	100.0	76	380,575	3.12	4.09	1	(Z)	100.0	100.0	100.0	1,000	8	1.00
All crop farms	592	1.5	55.5	52.7	74.3	54	201,835	2.23	4.12	...	...	...	...	...	...	...	...
All livestock farms	344	2.4	32.2	35.0	19.0	141	132,509	5.73	4.06	1	(Z)	100.0	100.0	100.0	1,000	8	1.00
General crop and livestock farms	130	4.4	12.2	12.3	6.7	139	46,180	5.63	4.05	...	...	...	...	...	...	...	...
All other farms	1	5.1	0.1	(Z)	(Z)	57	51	1.46	2.55	...	...	...	...	...	...	...	...
Area 3a	1,025	5.5	100.0	100.0	100.0	201	459,679	8.52	4.24	...	...	...	...	...	...	...	...
All crop farms	437	5.3	42.6	57.0	52.7	217	264,076	9.29	4.28	...	...	...	...	...	...	...	...
All livestock farms	356	4.8	34.7	24.0	29.0	166	106,385	6.80	4.09	...	...	...	...	...	...	...	...
General crop and livestock farms	232	8.0	22.6	19.0	18.3	208	89,218	9.02	4.33	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 3b	455	3.3	100.0	100.0	100.0	139	203,664	5.50	3.94	1	(Z)	100.0	100.0	100.0	200	8	0.80
All crop farms	192	6.2	42.2	55.2	53.7	143	112,991	5.68	3.96	...	...	...	...	...	...	...	...
All livestock farms	201	1.9	44.2	35.3	37.6	131	72,899	5.24	4.00	1	(Z)	100.0	100.0	100.0	200	8	0.80
General crop and livestock farms	62	3.5	13.6	9.5	8.7	152	17,774	5.50	3.63	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Nebraska, total	41,984	12.9	100.0	100.0	100.0	146	21,377,554	7.19	4.92	5,868	0.7	100.0	100.0	100.0	3,602	1,274,779	8.01
All crop farms	16,475	13.7	39.2	41.4	42.9	141	9,034,509	7.07	5.02	2,406	0.7	41.0	41.7	42.0	3,580	539,245	8.07
All livestock farms	19,466	12.1	46.4	46.5	45.1	151	9,784,882	7.29	4.84	2,771	0.7	47.2	46.6	47.5	3,533	605,167	8.00
General crop and livestock farms	6,012	13.9	14.3	12.1	12.0	147	2,552,292	7.18	4.87	691	0.7	11.8	11.7	10.5	4,004	130,367	7.81
All other farms	31	3.3	0.1	(Z)	(Z)	1,413	5,871	78.28	5.54	...	...	...	...	...	...	...	...
Area 1	1,392	1.9	100.0	100.0	100.0	135	404,108	5.82	4.30	35	(Z)	100.0	100.0	100.0	2,217	6,114	7.70
All crop farms	168	3.6	12.1	17.0	20.7	111	85,992	5.98	5.38	5	(Z)	14.3	10.2	6.3	3,600	490	9.80
All livestock farms	971	1.5	69.8	64.4	66.3	132	238,832	5.19	3.94	25	(Z)	71.4	78.4	84.3	2,063	4,874	7.29
General crop and livestock farms	252	3.8	18.1	18.5	13.0	192	79,138	8.75	4.55	5	(Z)	14.3	11.4	9.4	2,667	750	10.00
All other farms	1	0.9	0.1	(Z)	(Z)	400	146	14.60	3.65	...	...	...	...	...	...	...	...
Area 2	1,884	3.0	100.0	100.0	100.0	188	792,336	8.41	4.47	1	(Z)	100.0	100.0	100.0	1,000	2	1.00
All crop farms	868	1.9	46.1	40.6	42.7	179	325,343	8.09	4.52	1	(Z)	100.0	100.0	100.0	1,000	2	1.00
All livestock farms	491	3.9	26.1	32.2	30.3	200	250,225	8.76	4.39	...	...	...	...	...	...	...	...
General crop and livestock farms	525	11.2	27.9	27.3	27.0	190	216,768	8.52	4.49	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 3a	4,635	11.6	100.0	100.0	100.0	154	2,727,681	8.51	5.52	87	0.1	100.0	100.0	100.0	2,763	12,335	5.68
All crop farms	1,461	17.6	31.5	39.0	37.6	160	1,098,145	9.12	5.70	6	(Z)	6.9	6.3	9.4	1,854	1,070	5.22
All livestock farms	2,269	8.9	49.0	44.3	45.7	149	1,180,095	8.05	5.39	55	0.1	63.2	84.8	79.0	2,966	9,593	5.59
General crop and livestock farms	895	12.5	19.3	16.6	16.7	153	447,941	8.38	5.46	26	0.1	29.9	8.9	11.6	2,120	1,672	6.66
All other farms	10	100.0	0.2	0.1	(Z)	2,500	1,500	75.00	3.00	...	...	...	...	...	...	...	...
Area 3b	6,934	16.2	100.0	100.0	100.0	141	3,171,100	6.88	4.89	747	0.8	100.0	100.0	100.0	2,812	184,289	7.86
All crop farms	1,267	14.8	18.3	17.0	18.0	133	527,161	6.34	4.77	172	0.8	23.0	20.3	19.3	2,964	40,807	9.03
All livestock farms	4,642	16.9	66.9	69.9	67.9	145	2,245,248	7.17	4.95	545	1.0	73.0	76.0	77.5	2,758	137,752	7.59
General crop and livestock farms	1,025	15.0	14.8	13.1	14.0	131	398,691	6.17	4.70	30	0.2	4.0	3.7	3.2	3,219	5,730	7.59
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 4	3,083	7.9	100.0	100.0	100.0	148	1,707,170	7.47	5.04	93	0.1	100.0	100.0	100.0	2,867	26,450	7.15
All crop farms	1,693	7.4	54.9	51.8	53.8	143	875,911	7.12	4.99	30	0.1	32.3	25.1	41.4	1,739	7,060	4.61
All livestock farms	1,033	9.4	33.5	39.4	37.1	157	681,445	8.02	5.10	53	0.2	57.0	71.0	55.8	3,650	17,990	8.72
General crop and livestock farms	352	6.7	11.4	8.8	9.0	144	149,064	7.22	5.01	10	(Z)	10.8	3.9	2.8	3,905	1,400	13.33
All other farms	5	66.7	0.2	0.1	(Z)	2,000	750	75.00	3.75	...	...	...	...	...	...	...	...
Area 5	8,171	22.0	100.0	100.0	100.0	128	4,421,145	6.71	5.25	1,549	1.4	100.0	100.0	100.0	3,816	395,570	9.25
All crop farms	5,058	21.4	61.9	65.0	64.7	128	2,869,096	6.73	5.25	877	1.2	56.6	56.7	56.7	3,815	238,460	9.84
All livestock farms	2,042	26.1	25.0	24.8	24.7	128	1,094,134	6.72	5.24	487	2.1	31.4	29.3	30.9	3,617	110,905	8.39
General crop and livestock farms	1,061	18.7	13.0	10.2	10.5	124	457,440	6.60	5.34	185	1.4	11.9	14.0	12.4	4,311	46,205	8.71
All other farms	10	1.5	0.1	(Z)	(Z)	1,600	475	47.50	2.97	...	...	...	...	...	...	...	...
Area 6	6,531	22.1	100.0	100.0	100.0	166	3,512,719	7.49	4.52	539	0.8	100.0	100.0	100.0	3,077	167,953	9.49
All crop farms	1,536	24.4	23.5	28.4	28.7	164	980,391	7.29	4.43	173	1.4	32.1	36.7	43.2	2,615	59,295	7.75
All livestock farms	4,389	21.5	67.2	62.0	62.4	164	2,197,853	7.51	4.56	331	0.7	61.4	59.2	53.3	3,415	102,083	10.81
General crop and livestock farms	606	20.4	9.3	9.6	8.9	178	334,475	7.98	4.48	35	0.3	6.5	4.1	3.4	3,639	6,575	10.78
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Areas 7, A, and B	9.354	25.3	100.0	100.0	100.0	145	4,641,295	6.90	4.77	2,817	2.6	100.0	100.0	100.0	3,957	482,066	7.03
All crop farms	4,424	24.9	47.3	47.8	49.8	139	2,272,470	6.78	4.88	1,142	2.1	40.5	40.6	41.8	3,847	192,061	6.70
All livestock farms	3,629	27.8	38.8	41.7	39.6	152	1,897,050	7.12	4.67	1,275	3.2	45.3	45.3	44.2	4,054	221,970	7.32
General crop and livestock farms	1,296	20.1	13.9	10.4	10.6	143	468,775	6.59	4.61	400	2.7	14.2	14.1	14.0	3,980	68,035	7.09
All other farms	5	7.5	0.1	(Z)	(Z)	640	3,000	120.00	18.75	...	...	...	...	...	...	...	...
Nevada, total (Area 1)	381	3.4	100.0	100.0	100.0	226	252,529	8.89	3.92	6	(Z)	100.0	100.0	100.0	7,647	615	36.18
All crop farms	58	30.1	15.2	39.5	27.7	323	105,445	13.40	4.15	...	...	...	...	...	...	...	...
All livestock farms	261	2.0	68.5	45.2	53.7	191	103,290	6.78	3.55	6	(Z)	100.0	100.0	100.0	7,647	615	36.18
General crop and livestock farms	62	8.2	16.3	15.3	18.6	186	43,794	8.27	4.45	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Hampshire, total	2,444	20.3	100.0	100.0	100.0	516	810,052	13.09	2.54	996	4.9	100.0	100.0	100.0	2,276	92,578	6.24
All crop farms	222	61.8	9.1	33.2	18.7	915	257,325	22.22	2.43	105	14.1	10.5	20.8	17.8	2,663	17,305	6.55
All livestock farms	1,925	17.9	78.8	60.2	72.6	428	491,135	10.94	2.55	817	4.4	82.0	74.0	74.0	2,275	70,061	6.38
General crop and livestock farms	103	16.6	4.2	4.6	6.2	389	48,692	12.80	3.28	26	2.2	2.6	3.1	3.4	2,040	3,496	6.92
All other farms	194	13.1	7.9	1.9	2.6	386	12,900	8.10	2.10	48	5.9	4.8	2.2	4.8	1,020	1,716	2.41
Area 1	1,136	22.6	100.0	100.0	100.0	597	484,969	14.57	2.44	397	4.1	100.0	100.0	100.0	2,535	39,628	6.52
All crop farms	76	75.3	6.7	41.5	22.3	1,110	192,450	25.89	2.33	40	11.8	10.1	24.9	19.1	3,310	8,355	7.20
All livestock farms	933	19.5	82.1	51.6	68.3	451	253,011	11.12	2.47	331	3.8	83.4	68.8	73.1	2,386	27,962	6.29
General crop and livestock farms	55	20.0	4.8	5.6	8.6	387	33,450	11.74	3.03	20	2.9	5.0	5.4	6.9	2,000	2,975	7.08
All other farms	72	4.2	6.3	1.4	0.8	1,042	6,058	23.21	2.23	6	0.9	1.5	0.8	0.9	2,291	336	6.11
Areas 2 and A	1,308	18.1	100.0	100.0	100.0	421	325,083	11.38	2.70	599	5.6	100.0	100.0	100.0	2,096	52,950	6.05
All crop farms	146	46.8	11.2	19.5	14.5	567	64,875	15.63	2.76	65	16.7	10.9	17.4	16.9	2,155	8,950	6.05
All livestock farms	992	16.5	75.8	74.5	77.5	405	238,124	10.76	2.65	486	4.9	81.1	78.3	74.6	2,199	42,099	6.45
General crop and livestock farms	48	11.1	3.7	3.1	3.3	396	15,242	15.96	4.03	6	1.0	1.0	1.0	1.0	2,235	521	6.13
All other farms	122	22.3	9.3	2.8	4.7	257	6,842	5.14	2.00	42	11.0	7.0	3.3	7.5	913	1,380	2.10
New Jersey, total	10,781	56.6	100.0	100.0	100.0	779	11,564,437	19.47	2.50	5,216	11.4	100.0	100.0	100.0	1,804	991,662	8.28
All crop farms	4,296	72.3	39.8	60.5	42.9	1,098	7,014,096	27.50	2.50	1,768	16.0	33.9	42.1	47.2	1,610	402,866	7.13
All livestock farms	5,201	47.2	48.2	31.4	49.3	497	3,591,246	12.27	2.47	2,933	9.0	56.2	50.5	46.5	1,960	501,106	9.00
General crop and livestock farms	557	61.7	5.2	5.4	6.0	695	622,965	17.43	2.51	274	10.0	5.3	5.6	4.8	2,079	64,550	11.14
All other farms	727	54.4	6.7	2.7	1.8	1,188	336,130	32.09	2.70	241	9.2	4.6	1.8	1.5	2,198	23,140	13.11

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, ecoaomic area, and type of farm	Fertilizer								Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
New Jersey—Continued																	
Areas 1, A, B, and C	5,901	51.4	100.0	100.0	100.0	604	4,845,616	14.88	2.47	2,661	9.3	100.0	100.0	100.0	1,701	433,191	7.35
All crop farms	1,571	72.0	26.6	43.9	29.4	902	2,112,300	22.08	2.45	600	15.7	22.5	24.6	35.2	1,186	119,195	5.73
All livestock farms	3,530	44.5	59.8	45.2	62.0	440	2,175,376	10.77	2.45	1,767	7.4	66.4	65.9	57.2	1,960	268,581	7.96
General crop and livestock farms	298	62.2	5.0	6.8	6.4	633	333,435	15.90	2.51	128	9.7	4.8	6.8	5.6	2,095	27,390	8.36
All other farms	502	54.6	8.5	4.1	2.1	1,163	224,505	32.26	2.77	166	9.3	6.2	2.7	2.0	2,280	18,025	15.28
Areas 2, D, E, and F	4,880	64.4	100.0	100.0	100.0	992	6,718,821	25.04	2.52	2,555	14.6	100.0	100.0	100.0	1,904	558,471	9.19
All crop farms	2,725	72.4	55.8	72.8	59.4	1,216	4,901,796	30.75	2.53	1,168	16.2	45.7	57.3	58.7	1,857	283,671	7.95
All livestock farms	1,671	54.7	34.2	21.2	33.8	624	1,415,870	15.62	2.50	1,166	13.2	45.6	37.2	36.1	1,960	232,525	10.59
General crop and livestock farms	259	61.0	5.3	4.3	5.5	783	289,530	19.61	2.50	146	10.4	5.7	4.5	4.1	2,060	37,160	14.75
All other farms	225	54.0	4.6	1.6	1.3	1,238	111,625	31.76	2.56	75	9.0	2.9	1.0	1.0	2,034	5,115	8.74
New Mexico, total	2,927	10.5	100.0	100.0	100.0	247	2,359,323	10.24	4.14	2	(Z)	100.0	100.0	100.0	2,966	3,602	11.22
All crop farms	2,115	19.5	72.3	85.8	81.0	262	2,030,501	10.88	4.16	1	(Z)	50.0	99.8	99.7	2,969	3,600	11.25
All livestock farms	455	2.3	15.5	8.4	10.7	195	196,653	7.99	4.10	1	(Z)	50.0	0.2	0.3	2,000	2	2.00
General crop and livestock farms	337	12.4	11.5	5.8	8.3	173	131,119	6.88	3.98	...	...	...	...	...	...	...	...
All other farms	20	1.9	0.7	(Z)	(Z)	550	1,050	26.25	4.77	...	...	...	...	...	...	...	...
Area 1a	349	14.3	100.0	100.0	100.0	153	92,181	6.27	4.11	...	...	...	...	...	...	...	...
All crop farms	73	14.9	20.9	33.1	20.9	241	33,230	10.81	4.48	...	...	...	...	...	...	...	...
All livestock farms	114	8.7	32.7	31.6	38.9	124	29,396	5.13	4.14	...	...	...	...	...	...	...	...
General crop and livestock farms	147	35.3	42.1	34.8	39.9	133	28,755	4.90	3.69	...	...	...	...	...	...	...	...
All other farms	15	17.5	4.3	0.5	0.2	343	800	22.86	6.67	...	...	...	...	...	...	...	...
Area 1b	126	4.8	100.0	100.0	100.0	153	33,554	6.82	4.46	...	...	...	...	...	...	...	...
All crop farms	56	5.4	44.4	22.9	17.6	198	6,400	7.38	3.72	...	...	...	...	...	...	...	...
All livestock farms	36	3.0	28.6	44.4	47.8	142	14,998	6.38	4.49	...	...	...	...	...	...	...	...
General crop and livestock farms	34	20.0	27.0	32.7	34.6	144	12,156	7.13	4.94	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2	549	1.5	100.0	100.0	100.0	195	193,307	8.64	4.42	...	...	...	...	...	...	...	...
All crop farms	248	2.2	45.2	49.3	50.4	191	99,999	8.87	4.64	...	...	...	...	...	...	...	...
All livestock farms	169	0.8	30.8	31.4	29.9	205	53,154	7.94	3.88	...	...	...	...	...	...	...	...
General crop and livestock farms	132	3.8	24.0	19.3	19.7	192	40,154	9.13	4.76	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 3	1,903	36.5	100.0	100.0	100.0	263	2,040,281	10.83	4.12	2	0.1	100.0	100.0	100.0	2,966	3,602	11.22
All crop farms	1,738	41.8	91.3	92.3	91.0	267	1,890,872	11.03	4.13	1	0.1	50.0	99.8	99.7	2,969	3,600	11.25
All livestock farms	136	10.8	7.1	4.8	5.2	242	99,105	10.08	4.16	1	(Z)	50.0	0.2	0.3	2,000	2	2.00
General crop and livestock farms	24	51.9	1.3	2.9	3.8	201	50,054	7.08	3.52	...	...	...	...	...	...	...	...
All other farms	5	0.8	0.3	(Z)	(Z)	2,000	250	50.00	2.50	...	...	...	...	...	...	...	...
New York, total	56,088	29.9	100.0	100.0	100.0	456	26,247,215	12.03	2.64	23,830	5.2	100.0	100.0	100.0	2,996	3,633,638	9.64
All crop farms	9,915	58.9	17.7	42.1	26.2	733	10,994,355	19.21	2.62	2,339	5.5	9.8	10.6	14.2	2,243	458,728	8.56
All livestock farms	41,158	24.4	73.4	48.7	64.6	344	12,686,446	9.00	2.61	19,996	5.3	83.9	84.7	81.1	3,129	3,000,166	9.82
General crop and livestock farms	3,603	38.3	6.4	8.1	8.7	423	2,218,585	11.70	2.77	1,097	3.2	4.6	4.3	4.2	3,066	157,042	9.90
All other farms	1,412	19.4	2.5	1.1	0.5	997	347,829	32.72	3.28	398	3.1	1.7	0.3	0.5	2,324	17,702	10.43
Areas 1, A, and B	8,547	45.5	100.0	100.0	100.0	448	4,934,986	12.07	2.70	2,180	4.6	100.0	100.0	100.0	2,827	322,342	7.87
All crop farms	3,409	58.1	39.9	52.3	44.4	528	2,582,670	14.23	2.70	626	3.6	28.7	30.6	27.7	3,119	102,262	9.00
All livestock farms	3,753	32.9	43.9	31.8	40.2	354	1,508,822	9.18	2.59	1,187	5.0	54.4	58.1	61.1	2,691	181,245	7.24
General crop and livestock farms	1,168	47.5	13.7	14.9	14.7	454	794,974	13.25	2.92	332	3.5	15.2	10.9	10.8	2,855	36,525	8.28
All other farms	217	29.6	2.5	1.0	0.8	586	48,520	15.49	2.64	35	1.7	1.6	0.4	0.5	2,757	2,310	12.49
Area 2	7,252	47.6	100.0	100.0	100.0	370	4,421,409	9.79	2.65	1,746	3.2	100.0	100.0	100.0	3,200	315,721	10.55
All crop farms	1,908	56.2	26.3	30.2	26.7	418	1,350,176	11.21	2.68	272	2.3	15.6	14.0	16.4	2,738	50,320	10.26
All livestock farms	4,296	43.6	59.2	52.4	57.1	340	2,276,673	8.83	2.60	1,281	3.6	73.4	74.5	71.4	3,340	226,526	10.60
General crop and livestock farms	982	52.5	13.5	17.0	16.0	393	750,765	10.38	2.64	192	2.6	11.0	11.4	12.0	3,025	38,750	10.76
All other farms	66	21.1	0.9	0.4	0.2	791	43,795	47.09	5.95	1	1.1	0.1	0.1	0.2	1,000	125	2.50
Area 3a	5,524	27.6	100.0	100.0	100.0	363	1,398,943	9.59	2.64	2,907	7.3	100.0	100.0	100.0	3,360	474,492	12.23
All crop farms	701	43.7	12.7	22.3	15.8	514	334,015	14.53	2.83	221	6.2	7.6	7.6	8.5	3,000	33,670	10.27
All livestock farms	4,571	26.2	82.7	74.4	80.4	336	1,018,858	8.69	2.58	2,540	7.7	87.4	89.3	88.4	3,396	426,552	12.45
General crop and livestock farms	207	21.2	3.7	3.1	3.7	304	43,315	7.97	2.62	131	4.6	4.5	2.8	3.1	3,105	12,630	10.66
All other farms	45	7.4	0.8	0.2	0.1	409	2,755	12.81	3.13	15	1.7	0.5	0.3	0.1	8,200	1,640	32.80
Area 3b	4,268	32.5	100.0	100.0	100.0	427	2,169,836	11.46	2.69	2,315	7.8	100.0	100.0	100.0	2,845	461,326	10.13
All crop farms	527	50.1	12.3	37.4	19.7	810	821,278	22.02	2.72	205	9.1	8.9	10.2	14.9	1,950	55,639	8.20
All livestock farms	3,406	29.7	79.8	55.0	73.7	319	1,182,888	8.48	2.66	1,985	7.8	85.7	85.3	80.3	3,023	386,732	10.57
General crop and livestock farms	280	33.0	6.6	6.7	6.4	449	140,040	11.65	2.59	120	5.8	5.2	4.2	4.6	2,583	17,380	8.24
All other farms	55	32.0	1.3	0.9	0.3	1,273	25,630	47.03	3.69	5	4.7	0.2	0.3	0.2	4,375	1,575	19.69
Areas 4 and C	6,248	36.5	100.0	100.0	100.0	377	2,807,196	10.21	2.71	2,200	4.8	100.0	100.0	100.0	2,653	305,369	8.48
All crop farms	1,012	60.4	16.2	27.8	21.5	487	808,380	13.70	2.81	109	6.1	5.0	6.0	16.6	968	21,325	3.58
All livestock farms	4,753	31.9	76.1	61.4	69.2	334	1,682,761	8.84	2.65	1,975	4.8	89.8	89.1	79.0	2,991	270,239	9.50
General crop and livestock farms	433	43.5	6.9	10.3	9.0	431	301,370	12.16	2.82	96	2.4	4.4	4.2	3.8	2,949	11,385	8.37
All other farms	50	29.6	0.8	0.5	0.3	616	14,685	16.69	2.71	20	7.7	0.9	0.7	0.6	2,870	2,420	10.52
Areas 5 and D	3,604	20.9	100.0	100.0	100.0	389	1,107,188	10.19	2.62	1,734	5.1	100.0	100.0	100.0	3,322	240,074	9.05
All crop farms	126	69.6	3.5	26.4	13.2	782	315,075	22.05	2.82	56	14.3	3.2	5.0	11.1	1,497	14,582	4.96
All livestock farms	3,362	18.7	93.3	69.4	83.5	323	749,550	8.27	2.56	1,637	4.8	94.4	92.7	87.2	3,529	216,427	9.35
General crop and livestock farms	51	29.7	1.4	3.8	3.2	461	38,258	10.92	2.37	31	3.7	1.8	2.3	1.6	4,713	9,035	20.77
All other farms	65	5.1	1.8	0.3	0.2	823	4,305	24.60	2.99	10	0.4	0.6	(Z)	0.1	1,333	30	2.00

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer								Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
New York—Continued																	
Areas 6 and E	5,733	18.8	100.0	100.0	100.0	363	1,394,177	9.46	2.61	3,981	6.7	100.0	100.0	100.0	3,152	551,716	10.42
All crop farms	78	49.5	1.4	10.2	4.6	810	153,740	22.82	2.82	37	7.1	0.9	1.5	1.8	2,523	20,340	21.12
All livestock farms	5,519	18.6	96.3	87.6	93.8	339	1,214,261	8.79	2.59	3,879	6.9	97.4	97.1	96.9	3,156	524,127	10.21
General crop and livestock farms	103	9.2	1.8	1.9	1.4	473	22,918	10.84	2.29	57	2.6	1.4	1.4	1.1	3,776	6,747	11.26
All other farms	33	5.3	0.6	0.3	0.2	491	3,258	10.12	2.06	8	1.0	0.2	0.1	0.1	3,355	502	8.10
Area 7	5,714	12.1	100.0	100.0	100.0	371	1,310,632	10.07	2.71	1,718	2.5	100.0	100.0	100.0	2,669	160,607	5.95
All crop farms	123	39.1	2.2	9.2	4.7	717	145,217	23.54	3.28	30	4.3	1.7	1.6	2.5	1,733	3,495	5.18
All livestock farms	5,422	11.8	94.9	88.5	93.1	353	1,137,179	9.39	2.66	1,641	2.5	95.5	96.6	96.0	2,687	154,904	5.98
General crop and livestock farms	120	7.4	2.1	1.8	1.8	380	22,545	9.63	2.53	35	1.1	2.0	1.5	1.3	3,118	1,825	5.37
All other farms	49	7.0	0.9	0.5	0.4	462	5,691	11.22	2.43	12	1.0	0.7	0.3	0.3	3,143	383	5.47
Areas 8 and F	3,358	19.2	100.0	100.0	100.0	368	863,535	9.53	2.59	1,535	4.2	100.0	100.0	100.0	3,343	189,697	9.46
All crop farms	210	51.8	6.3	14.0	9.5	543	122,190	14.19	2.61	80	9.0	5.2	3.1	7.5	1,369	8,700	5.78
All livestock farms	2,917	18.0	86.9	78.8	85.3	340	684,400	8.86	2.61	1,393	4.2	90.7	93.5	89.0	3,514	172,920	9.70
General crop and livestock farms	142	16.8	4.2	4.3	4.1	386	36,465	9.87	2.55	46	3.0	3.0	3.3	3.3	3,269	7,445	11.11
All other farms	89	21.4	2.7	2.9	1.1	955	20,480	20.12	2.11	16	0.8	1.0	0.2	0.2	2,718	632	16.21
Area 9	4,132	25.4	100.0	100.0	100.0	458	1,942,088	12.27	2.68	2,825	8.0	100.0	100.0	100.0	3,104	525,784	10.50
All crop farms	964	60.3	23.3	36.6	29.8	563	714,320	15.16	2.69	357	10.4	12.6	15.5	16.2	2,961	80,490	9.91
All livestock farms	2,975	20.9	72.0	60.3	68.1	406	1,154,688	10.71	2.64	2,391	7.9	84.6	81.7	81.4	3,116	430,104	10.55
General crop and livestock farms	101	12.9	2.4	1.5	1.8	403	30,860	11.12	2.76	56	5.0	2.0	2.8	2.1	4,019	14,690	13.73
All other farms	92	9.2	2.2	1.5	0.4	1,760	42,220	67.55	3.84	21	1.9	0.7	0.1	0.3	763	500	3.82
Area G	1,708	75.3	100.0	100.0	100.0	2,064	3,897,225	50.78	2.46	689	8.7	100.0	100.0	100.0	1,375	86,510	9.72
All crop farms	857	89.3	50.2	94.9	88.8	2,206	3,647,294	53.52	2.43	346	9.3	50.2	68.5	79.7	1,181	67,905	9.57
All livestock farms	184	29.1	10.8	2.0	7.4	559	76,366	13.40	2.40	87	4.7	12.6	19.4	10.5	2,548	10,390	11.17
General crop and livestock farms	16	28.3	0.9	0.5	0.8	1,310	37,075	59.80	4.57	1	4.1	0.1	1.5	1.0	2,000	630	7.00
All other farms	651	59.5	38.1	2.6	3.0	1,794	136,490	59.84	3.34	255	20.5	37.0	10.7	8.8	1,669	7,585	9.66
North Carolina, total	174,474	69.6	100.0	100.0	100.0	587	64,517,485	14.69	2.50	21,505	4.1	100.0	100.0	100.0	1,867	1,631,910	6.23
All crop farms	147,021	72.7	84.3	79.5	74.0	631	51,982,486	16.00	2.54	13,199	2.6	61.4	39.1	44.1	1,656	721,443	6.25
All livestock farms	16,583	59.4	9.5	11.2	15.3	428	6,719,308	10.00	2.33	5,480	8.7	25.5	43.0	37.8	2,123	624,355	6.30
General crop and livestock farms	9,457	67.6	5.4	8.6	9.9	512	5,365,274	12.40	2.42	2,539	6.8	11.8	16.0	16.5	1,803	257,039	5.93
All other farms	1,413	53.1	0.8	0.7	0.8	509	450,417	12.14	2.39	287	5.9	1.3	1.9	1.6	2,269	29,073	7.10
Areas 1 and A	12,800	37.3	100.0	100.0	100.0	555	1,853,997	12.88	2.32	3,389	8.0	100.0	100.0	100.0	2,375	121,386	3.93
All crop farms	8,106	41.2	63.3	56.0	47.9	648	1,068,750	15.49	2.39	1,475	5.4	43.5	32.5	29.4	2,629	34,828	3.83
All livestock farms	3,511	33.6	27.4	33.6	40.8	457	594,005	10.10	2.21	1,480	10.6	43.7	54.9	59.9	2,176	72,822	3.94
General crop and livestock farms	940	39.8	7.3	9.6	10.1	527	175,934	12.09	2.29	368	8.0	10.9	11.9	9.5	2,975	12,983	4.42
All other farms	243	25.1	1.9	0.8	1.1	381	15,308	9.50	2.49	66	5.7	1.9	0.7	1.2	1,339	753	2.07
Area 2	2,778	53.1	100.0	100.0	100.0	416	548,601	9.10	2.19	606	6.6	100.0	100.0	100.0	2,306	39,074	5.20
All crop farms	1,321	51.8	47.6	40.7	41.3	409	232,333	9.32	2.28	175	3.0	28.9	18.9	19.5	2,239	9,275	6.33
All livestock farms	1,138	54.3	41.0	42.7	42.4	418	235,763	9.21	2.20	321	9.4	53.0	51.0	59.0	1,993	15,398	3.48
General crop and livestock farms	177	58.5	6.4	12.4	10.9	471	57,450	8.72	1.85	55	7.6	9.1	17.2	11.3	3,506	5,040	5.93
All other farms	142	45.6	5.1	4.3	5.3	338	23,055	7.22	2.14	55	10.9	9.1	12.8	10.2	2,915	9,361	12.27
Areas 3, B, and C	29,451	58.7	100.0	100.0	100.0	585	7,691,768	14.35	2.45	2,632	3.0	100.0	100.0	100.0	2,109	179,570	6.50
All crop farms	26,853	57.5	91.2	83.3	76.0	640	6,441,674	15.80	2.47	1,752	1.7	66.6	41.8	43.4	2,033	78,301	6.54
All livestock farms	1,864	64.5	6.3	13.1	19.0	404	988,987	9.72	2.41	687	8.8	26.1	52.8	50.0	2,226	91,399	6.62
General crop and livestock farms	515	60.1	1.7	2.9	4.1	410	208,062	9.36	2.28	167	4.2	6.3	4.6	5.7	1,688	8,275	5.26
All other farms	219	43.2	0.7	0.7	0.9	499	53,045	11.60	2.32	26	2.5	1.0	0.9	0.9	2,000	1,595	6.13
Area 4a	5,833	55.4	100.0	100.0	100.0	417	1,643,815	9.66	2.32	1,001	5.3	100.0	100.0	100.0	2,128	109,067	6.72
All crop farms	3,102	55.6	53.2	41.4	35.2	490	702,132	11.73	2.39	292	2.7	29.2	14.0	17.9	1,674	16,170	5.58
All livestock farms	2,071	55.3	35.5	43.8	49.1	371	697,945	8.35	2.25	535	6.4	53.4	64.2	59.2	2,304	71,580	7.45
General crop and livestock farms	551	57.3	9.4	13.5	14.3	395	223,353	9.20	2.33	162	8.3	16.2	19.8	21.6	1,949	19,885	5.67
All other farms	109	43.1	1.9	1.3	1.4	389	20,385	8.45	2.17	12	3.8	1.2	2.0	1.3	3,308	1,432	6.79
Area 4b	5,149	66.3	100.0	100.0	100.0	364	2,099,832	8.25	2.26	1,618	8.9	100.0	100.0	100.0	2,048	243,314	7.11
All crop farms	2,163	63.1	42.0	28.8	29.7	354	619,300	8.20	2.32	366	4.3	22.6	13.7	15.1	1,858	31,335	6.08
All livestock farms	1,762	71.5	34.2	47.8	46.7	373	997,513	8.39	2.25	798	12.1	49.3	60.1	58.8	2,093	151,710	7.54
General crop and livestock farms	1,129	61.9	21.9	22.3	22.5	362	459,579	8.03	2.22	434	9.5	26.8	25.4	25.6	2,032	58,949	6.73
All other farms	95	49.0	1.8	1.1	1.1	362	23,440	8.14	2.25	20	3.3	1.2	0.9	0.6	3,077	1,320	6.77
Areas 5 and D	10,469	72.4	100.0	100.0	100.0	444	3,756,079	9.72	2.19	1,542	4.6	100.0	100.0	100.0	2,118	139,086	5.64
All crop farms	7,105	75.6	67.9	55.8	53.3	464	2,089,072	10.14	2.18	516	2.3	33.5	25.5	24.9	2,167	36,357	5.91
All livestock farms	2,198	68.3	21.0	28.9	31.3	410	1,092,319	9.04	2.20	742	7.5	48.1	56.3	53.5	2,230	78,654	5.96
General crop and livestock farms	975	70.9	9.3	13.7	13.7	446	507,428	9.60	2.15	254	6.6	16.5	16.0	20.0	1,695	21,985	4.45
All other farms	191	66.2	1.8	1.6	1.8	396	67,260	9.69	2.44	30	3.7	1.9	2.2	1.6	2,935	2,090	5.43
Areas 6 and E	27,175	76.4	100.0	100.0	100.0	671	10,377,014	17.30	2.58	1,401	1.6	100.0	100.0	100.0	1,883	87,473	7.00
All crop farms	24,935	77.9	91.8	88.8	86.7	688	9,240,404	17.77	2.58	967	0.9	69.0	41.1	48.7	1,589	43,843	7.20
All livestock farms	886	62.9	3.3	4.1	5.8	476	408,190	11.81	2.48	187	6.4	13.3	37.2	28.3	2,477	26,501	7.49
General crop and livestock farms	1,237	73.4	4.6	6.3	6.6	641	653,050	16.46	2.57	214	4.1	15.3	15.1	17.9	1,587	13,350	5.96
All other farms	117	67.3	0.4	0.8	0.9	558	75,370	13.82	2.48	33	7.8	2.4	6.5	5.0	2,445	3,779	6.01
Area 7	14,988	74.8	100.0	100.0	100.0	578	6,799,076	14.70	2.54	2,448	5.0	100.0	100.0	100.0	1,194	171,236	5.52
All crop farms	12,325	74.9	82.2	75.3	72.7	599	5,137,951	15.29	2.55	1,820	4.1	74.3	58.4	59.0	1,182	97,846	5.35
All livestock farms	732	65.7	4.9	6.9	6.9	575	446,356	13.96	2.43	165	10.4	6.7	18.3	16.3	1,339	31,335	6.20
General crop and livestock farms	1,877	78.5	12.5	17.3	20.0	500	1,180,974	12.77	2.55	461	6.3	18.8	22.7	23.8	1,139	41,255	5.59
All other farms	54	67.4	0.4	0.5	0.4	658	33,795	16.60	2.52	2	9.4	0.1	0.6	0.9	772	800	2.81

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
North Carolina—Continued																	
Area 8	27,048	83.0	100.0	100.0	100.0	685	12,388,975	17.85	2.60	1,780	1.8	100.0	100.0	100.0	1,215	89,392	5.86
All crop farms	26,028	84.3	96.2	94.1	93.1	693	11,685,775	18.08	2.61	1,586	1.5	89.1	65.0	74.2	1,064	66,653	5.89
All livestock farms	522	67.5	1.9	2.1	2.9	481	254,970	12.50	2.60	108	4.6	6.1	14.4	9.0	1,939	9,379	6.80
General crop and livestock farms	438	67.8	1.6	3.4	3.7	643	405,625	16.00	2.49	86	6.8	4.8	20.6	16.8	1,492	13,360	5.22
All other farms	60	85.5	0.2	0.4	0.3	935	42,605	20.63	2.21	...	(Z)	...	...	...	...	...	...
Area 9	13,707	75.1	100.0	100.0	100.0	578	5,725,338	14.33	2.48	826	1.8	100.0	100.0	100.0	1,635	69,643	7.10
All crop farms	12,230	77.6	89.2	85.3	82.6	597	4,867,789	14.75	2.47	631	1.5	76.4	60.8	64.0	1,553	40,991	6.53
All livestock farms	672	63.2	4.9	5.4	7.1	441	325,431	11.50	2.61	89	4.1	10.8	17.2	18.7	1,508	11,780	6.44
General crop and livestock farms	727	67.8	5.3	9.0	9.9	524	514,644	12.97	2.47	95	2.8	11.5	21.6	16.9	2,089	16,482	9.95
All other farms	78	45.4	0.6	0.3	0.3	535	17,474	12.61	2.35	11	1.3	1.3	0.4	0.4	1,500	390	9.75
Area 10	4,323	78.3	100.0	100.0	100.0	586	2,911,471	14.70	2.51	910	8.3	100.0	100.0	100.0	1,852	150,306	7.17
All crop farms	3,705	78.5	85.7	75.5	79.2	559	2,230,621	14.21	2.54	683	8.2	75.1	76.6	78.0	1,820	115,793	7.09
All livestock farms	267	67.9	6.2	4.8	5.0	565	132,975	13.45	2.38	109	13.2	12.0	9.9	9.1	2,010	14,908	7.78
General crop and livestock farms	325	80.9	7.5	18.8	15.0	736	526,085	17.71	2.41	103	6.1	11.3	11.0	10.6	1,922	15,780	7.08
All other farms	26	82.1	0.6	0.8	0.8	628	21,790	14.50	2.31	15	26.0	1.6	2.4	2.3	2,000	3,825	8.05
Area 11	20,753	74.7	100.0	100.0	100.0	682	8,721,519	17.97	2.64	3,352	4.8	100.0	100.0	100.0	1,573	232,363	7.44
All crop farms	19,148	77.4	92.3	87.6	85.9	695	7,666,685	18.40	2.65	2,936	3.8	87.6	59.3	65.3	1,428	150,051	7.35
All livestock farms	960	58.2	4.6	6.6	7.7	578	544,854	14.53	2.51	259	8.8	7.7	24.3	18.1	2,109	48,889	8.65
General crop and livestock farms	566	68.1	2.7	5.2	5.8	612	453,090	16.15	2.64	140	11.4	4.2	14.7	15.0	1,539	29,695	6.34
All other farms	79	55.7	0.4	0.7	0.6	710	56,890	18.69	2.63	17	8.9	0.5	1.8	1.6	1,766	3,728	7.66
North Dakota, total	9,924	6.0	100.0	100.0	100.0	64	4,509,111	2.69	4.18	13	(Z)	100.0	100.0	100.0	857	166	1.19
All crop farms	7,831	7.2	78.9	84.3	86.0	63	3,801,703	2.64	4.18	10	(Z)	76.9	91.7	96.4	815	150	1.11
All livestock farms	1,041	2.7	10.5	7.7	7.1	70	345,130	2.91	4.16	2	(Z)	15.4	3.3	1.4	2,000	6	3.00
General crop and livestock farms	997	3.5	10.0	8.0	6.9	74	360,078	3.10	4.20	1	(Z)	7.7	5.0	2.1	2,000	10	3.33
All other farms	55	4.2	0.6	0.1	(Z)	831	2,200	33.85	4.07	...	(Z)	...	...	...	...	...	...
Area 1	537	1.1	100.0	100.0	100.0	73	165,042	3.09	4.24	3	(Z)	100.0	100.0	100.0	2,000	16	3.20
All crop farms	282	1.2	52.5	50.4	61.8	60	80,192	2.43	4.08	...	(Z)	...	...	...	...	...	...
All livestock farms	177	1.0	33.0	34.2	27.7	90	57,359	3.88	4.31	2	(Z)	66.7	40.0	40.0	2,000	6	3.00
General crop and livestock farms	78	0.7	14.5	15.4	10.4	108	27,491	4.94	4.58	1	(Z)	33.3	60.0	60.0	2,000	10	3.33
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2a	313	1.1	100.0	100.0	100.0	50	74,898	1.99	3.97	...	...	...	...	...	...	...	...
All crop farms	268	1.1	85.6	79.4	88.4	45	60,565	1.82	4.04	...	...	...	...	...	...	...	...
All livestock farms	26	0.9	8.3	15.8	6.7	118	10,519	4.17	3.53	...	...	...	...	...	...	...	...
General crop and livestock farms	19	0.9	6.1	4.8	4.9	49	3,814	2.06	4.24	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2b	119	0.3	100.0	100.0	100.0	51	15,459	2.03	4.03	...	...	...	...	...	...	...	...
All crop farms	63	0.3	52.9	54.2	54.2	51	8,252	2.00	3.97	...	...	...	...	...	...	...	...
All livestock farms	24	0.4	20.2	24.5	29.3	42	3,888	1.75	4.14	...	...	...	...	...	...	...	...
General crop and livestock farms	32	0.3	26.9	21.4	16.6	65	3,319	2.64	4.05	...	...	...	...	...	...	...	...
All other farms	...	(Z)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 3a	2,359	6.1	100.0	100.0	100.0	43	858,356	1.99	4.61	10	(Z)	100.0	100.0	100.0	815	150	1.11
All crop farms	2,000	6.9	84.8	86.1	88.2	42	746,890	1.96	4.66	10	(Z)	100.0	100.0	100.0	815	150	1.11
All livestock farms	206	3.6	8.7	7.9	6.8	50	63,146	2.14	4.28	...	...	...	...	...	...	...	...
General crop and livestock farms	153	3.1	6.5	6.0	4.9	53	48,320	2.29	4.35	...	...	...	...	...	...	...	...
All other farms	...	(Z)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 3b	1,411	5.0	100.0	100.0	100.0	53	481,925	2.30	4.33	...	...	...	...	...	...	...	...
All crop farms	1,025	5.5	72.6	79.0	80.4	52	380,136	2.25	4.32	...	...	...	...	...	...	...	...
All livestock farms	162	3.9	11.5	11.3	10.1	59	54,707	2.59	4.36	...	...	...	...	...	...	...	...
General crop and livestock farms	224	3.5	15.9	9.7	9.5	54	47,082	2.36	4.37	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 3c	960	4.4	100.0	100.0	100.0	71	265,223	2.89	4.06	...	...	...	...	...	...	...	...
All crop farms	609	5.5	63.4	67.8	70.0	69	181,049	2.82	4.09	...	...	...	...	...	...	...	...
All livestock farms	243	3.9	25.3	24.9	21.7	82	63,109	3.17	3.88	...	...	...	...	...	...	...	...
General crop and livestock farms	108	2.0	11.2	7.3	8.2	63	21,065	2.78	4.41	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 4	4,225	23.6	100.0	100.0	100.0	77	2,648,208	3.13	4.05	...	...	...	...	...	...	...	...
All crop farms	3,584	24.7	84.8	88.7	89.7	76	2,344,619	3.09	4.05	...	...	...	...	...	...	...	...
All livestock farms	203	12.0	4.8	3.4	3.4	78	92,402	3.24	4.17	...	...	...	...	...	...	...	...
General crop and livestock farms	383	21.1	9.1	7.9	7.0	87	208,987	3.55	4.07	...	...	...	...	...	...	...	...
All other farms	55	39.4	1.3	0.1	(Z)	831	2,200	33.85	4.07	...	...	...	...	...	...	...	...
Ohio, total	110,820	52.2	100.0	100.0	100.0	289	49,332,674	7.74	2.67	40,502	6.4	100.0	100.0	100.0	3,702	5,947,606	7.64
All crop farms	37,784	53.0	34.1	36.3	37.7	279	18,061,372	7.52	2.70	9,105	4.3	22.5	24.5	25.2	3,594	1,317,007	6.71
All livestock farms	52,192	51.2	47.1	45.9	44.3	299	22,454,747	7.95	2.65	23,889	8.1	59.0	58.6	57.8	3,756	3,664,071	8.15
General crop and livestock farms	19,700	53.6	17.8	17.3	17.8	282	8,517,303	7.52	2.67	7,283	6.2	18.0	16.7	16.8	3,683	954,398	7.30
All other farms	1,144	38.0	1.0	0.5	0.2	617	299,252	19.65	3.18	225	3.6	0.6	0.2	0.2	3,244	12,130	8.34
Areas 1 and A	16,536	52.8	100.0	100.0	100.0	272	8,288,810	7.47	2.75	3,205	2.9	100.0	100.0	100.0	2,780	357,103	5.86
All crop farms	10,298	48.4	62.3	58.0	60.2	262	4,773,759	7.15	2.73	1,894	2.7	59.1	61.7	60.3	2,848	218,238	5.94
All livestock farms	3,081	63.8	18.6	21.4	20.5	284	1,813,746	7.97	2.80	721	4.1	22.5	24.8	24.2	2,844	85,860	5.82
General crop and livestock farms	3,071	58.5	18.6	19.9	19.1	285	1,624,140	7.68	2.70	585	2.6	18.3	13.5	15.5	2,421	52,930	5.62
All other farms	86	59.3	.0.5	0.7	0.3	714	77,165	26.77	3.75	5	0.4	0.2	(Z)	(Z)	1,500	75	3.75

Z Less than 0.05

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
			Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)					Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used	Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Ohio—Continued																	
Area 2	17,069	56.3	100.0	100.0	100.0	258	8,667,623	6.94	2.70	4,878	5.0	100.0	100.0	100.0	3,781	670,946	6.01
All crop farms	7,267	55.9	42.6	44.7	46.0	250	3,863,222	6.73	2.69	1,729	4.1	35.4	38.8	38.0	3,867	254,532	6.01
All livestock farms	6,032	56.9	35.3	35.0	33.4	270	3,044,811	7.30	2.70	1,964	6.2	40.3	39.7	40.9	3,676	269,974	5.92
General crop and livestock farms	3,740	56.3	21.9	20.3	20.6	254	1,757,340	6.85	2.70	1,185	5.2	24.3	21.4	21.2	3,831	146,440	6.20
All other farms	30	16.0	0.2	(Z)	(Z)	419	2,250	21.43	5.11	...	...	...	...	...	...	...	...
Areas 3, B, C, and D	23,152	58.7	100.0	100.0	100.0	276	13,199,781	7.46	2.70	5,074	4.4	100.0	100.0	100.0	3,849	966,661	7.20
All crop farms	8,270	59.3	35.7	33.1	34.1	268	4,419,028	7.32	2.73	1,348	3.4	26.6	27.6	25.8	4,112	256,727	7.42
All livestock farms	10,974	58.1	47.4	52.7	50.6	288	6,907,223	7.71	2.68	2,925	5.3	57.6	60.0	61.3	3,767	587,648	7.14
General crop and livestock farms	3,792	59.2	16.4	14.0	15.2	254	1,849,075	6.89	2.71	796	3.8	15.7	12.4	12.8	3,716	121,736	7.07
All other farms	116	64.0	0.5	0.2	0.1	356	24,455	10.61	2.98	5	1.7	0.1	(Z)	(Z)	3,333	550	9.17
Areas 4a and E	4,446	54.6	100.0	100.0	100.0	350	2,220,895	8.92	2.55	2,204	8.7	100.0	100.0	100.0	4,284	280,207	7.04
All crop farms	2,042	59.3	45.9	47.9	51.3	327	1,082,085	8.48	2.59	962	8.7	43.6	43.7	47.1	3,977	114,602	6.11
All livestock farms	1,528	48.5	34.4	32.6	32.6	350	688,005	8.48	2.42	886	9.1	40.2	39.8	38.2	4,465	120,465	7.92
General crop and livestock farms	581	55.9	13.1	16.7	15.4	379	380,330	9.93	2.62	306	8.2	13.9	15.9	14.1	4,827	42,470	7.58
All other farms	295	37.8	6.6	2.8	0.8	1,300	70,475	36.99	2.85	50	4.8	2.3	0.6	0.6	4,125	2,670	11.12
Area 4b	8,292	54.7	100.0	100.0	100.0	306	3,266,351	7.99	2.61	5,301	11.9	100.0	100.0	100.0	3,682	818,170	9.19
All crop farms	1,410	53.2	17.0	19.2	17.3	339	672,695	9.48	2.80	595	6.5	11.2	10.8	9.8	4,096	83,790	9.65
All livestock farms	5,191	54.7	62.6	61.9	62.0	305	1,973,730	7.79	2.55	3,600	13.1	67.9	69.5	68.4	3,745	576,006	9.47
General crop and livestock farms	1,641	55.3	19.8	18.6	20.2	283	609,876	7.39	2.61	1,091	13.0	20.6	19.5	21.8	3,294	157,784	8.11
All other farms	50	95.8	0.6	0.3	0.5	154	10,050	4.65	3.03	15	1.6	0.3	0.1	(Z)	6,857	590	16.86
Areas 5, F, G, and H	9,999	49.7	100.0	100.0	100.0	348	3,371,775	9.09	2.61	6,287	12.9	100.0	100.0	100.0	3,934	938,721	9.75
All crop farms	1,628	57.8	16.3	21.2	17.3	425	721,770	11.22	2.64	813	12.0	12.9	12.5	13.9	3,536	117,675	8.77
All livestock farms	7,064	48.4	70.6	68.4	72.4	329	2,279,050	8.48	2.58	4,733	13.0	75.3	77.9	75.2	4,078	725,730	10.03
General crop and livestock farms	1,046	48.0	10.5	9.4	9.9	331	322,260	8.81	2.66	696	13.4	11.1	9.4	10.6	3,475	92,771	9.09
All other farms	261	33.6	2.6	1.0	0.4	942	48,695	35.57	3.77	45	7.2	0.7	0.2	0.3	2,441	2,545	8.63
Area 6a	6,589	52.0	100.0	100.0	100.0	301	3,039,184	8.07	2.68	2,557	8.3	100.0	100.0	100.0	3,469	466,043	7.75
All crop farms	1,562	53.7	23.7	22.5	23.8	286	682,150	7.61	2.67	412	7.9	16.1	18.8	22.1	2,951	79,963	6.02
All livestock farms	3,821	50.6	58.0	58.9	56.9	312	1,814,779	8.47	2.71	1,689	9.0	66.1	65.2	63.5	3,560	316,738	8.29
General crop and livestock farms	1,196	54.2	18.2	18.5	19.2	290	541,680	7.50	2.58	456	6.5	17.8	16.0	14.4	3,863	69,342	8.01
All other farms	10	61.5	0.2	0.1	0.1	107	575	1.03	0.96	...	...	...	...	...	...	...	...
Areas 6b and J	7,959	37.6	100.0	100.0	100.0	333	2,333,996	9.01	2.71	4,746	11.1	100.0	100.0	100.0	3,647	678,503	8.90
All crop farms	978	50.6	12.3	22.8	19.2	396	564,307	11.37	2.87	452	9.7	9.5	11.0	12.5	3,206	76,615	8.02
All livestock farms	5,724	35.4	71.9	62.7	65.2	320	1,434,480	8.49	2.65	3,543	11.6	74.7	72.1	72.4	3,633	491,258	8.90
General crop and livestock farms	1,176	38.0	14.8	14.0	15.0	310	321,442	8.27	2.67	706	10.9	14.9	16.4	14.7	4,091	108,270	9.70
All other farms	81	13.8	1.0	0.6	0.6	331	13,767	8.82	2.67	45	2.6	0.9	0.4	0.4	3,828	2,360	8.14
Areas 7 and K	8,099	41.8	100.0	100.0	100.0	314	2,939,490	7.96	2.54	2,804	7.2	100.0	100.0	100.0	3,873	366,967	5.80
All crop farms	2,751	38.8	34.0	29.6	28.9	322	862,403	8.09	2.52	563	4.4	20.1	19.4	19.0	3,952	70,675	5.89
All livestock farms	3,123	43.8	38.6	44.0	46.0	300	1,288,470	7.59	2.53	1,360	8.6	48.5	51.3	52.8	3,765	192,762	5.78
General crop and livestock farms	2,095	41.7	25.9	25.4	24.8	322	751,872	8.22	2.55	856	8.1	30.5	29.3	28.2	4,026	103,330	5.80
All other farms	130	54.1	1.6	1.1	0.3	974	36,745	29.40	3.02	25	1.7	0.9	(Z)	0.1	1,500	200	5.00
Areas 8a and L	3,746	37.0	100.0	100.0	100.0	334	997,766	8.85	2.65	1,206	7.2	100.0	100.0	100.0	3,365	161,318	7.36
All crop farms	1,158	44.9	30.9	30.5	32.8	310	287,428	7.77	2.51	197	6.5	16.3	20.1	24.2	2,788	31,480	5.93
All livestock farms	1,973	32.9	52.7	53.4	51.8	344	549,078	9.40	2.73	774	7.6	64.2	62.9	61.3	3,457	106,093	7.90
General crop and livestock farms	560	40.7	14.9	15.2	14.9	340	152,475	9.06	2.66	220	6.9	18.2	15.7	13.1	4,045	22,110	7.72
All other farms	55	14.8	1.5	0.9	0.5	612	8,785	15.28	2.50	15	8.1	1.2	1.3	1.4	3,016	1,635	5.19
Area 8b	4,933	31.9	100.0	100.0	100.0	373	1,007,003	9.95	2.67	2,240	7.9	100.0	100.0	100.0	3,631	242,967	9.74
All crop farms	420	47.6	8.5	13.2	11.0	447	132,525	11.88	2.66	140	6.8	6.2	5.5	6.4	3,138	12,710	7.99
All livestock farms	3,681	29.2	74.6	65.7	69.0	355	661,375	9.47	2.67	1,694	7.7	75.6	77.0	73.8	3,789	191,537	10.41
General crop and livestock farms	802	36.8	16.3	20.4	19.4	392	206,813	10.53	2.69	386	9.0	17.2	17.0	19.2	3,218	37,215	7.78
All other farms	30	45.9	0.6	0.6	0.6	414	6,290	11.23	2.71	20	13.1	0.9	0.5	0.6	2,625	1,505	9.41
Oklahoma, total	24,735	13.4	100.0	100.0	100.0	125	6,730,958	3.57	2.86	1,733	0.4	100.0	100.0	100.0	2,606	259,392	4.73
All crop farms	10,255	13.5	41.5	43.0	55.1	98	3,190,621	3.08	3.15	479	0.2	27.6	32.5	30.7	2,759	92,174	5.48
All livestock farms	10,130	13.5	41.0	41.4	31.9	162	2,540,003	4.23	2.61	1,035	0.7	59.7	58.8	59.8	2,566	141,540	4.32
General crop and livestock farms	4,233	12.6	17.1	15.3	13.0	147	972,860	3.97	2.70	208	0.3	12.0	8.1	9.4	2,231	24,268	4.70
All other farms	117	25.9	0.5	0.3	0.1	687	27,474	23.89	3.48	11	1.7	0.6	0.6	0.1	12,000	1,410	18.80
Area 1	874	1.7	100.0	100.0	100.0	92	168,578	2.79	3.03	...	...	...	...	...	...	...	...
All crop farms	423	1.7	48.4	51.7	57.2	83	86,809	2.51	3.01	...	...	...	...	...	...	...	...
All livestock farms	264	1.5	30.2	28.8	26.5	100	49,837	3.12	3.11	...	...	...	...	...	...	...	...
General crop and livestock farms	187	2.8	21.4	19.5	16.3	111	31,932	3.25	2.93	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2	4,705	18.8	100.0	100.0	100.0	78	1,624,221	2.86	3.65	369	0.4	100.0	100.0	100.0	2,861	75,165	6.31
All crop farms	3,452	19.5	73.4	79.1	83.8	74	1,301,817	2.74	3.70	289	0.4	78.3	86.9	86.6	2,873	65,787	6.38
All livestock farms	799	17.0	17.0	14.5	11.0	103	225,907	3.62	3.52	45	0.3	12.2	9.4	7.8	3,452	6,913	7.43
General crop and livestock farms	449	14.2	9.5	6.3	5.2	95	94,422	3.19	3.38	35	0.3	9.5	3.6	5.6	1,851	2,465	3.68
All other farms	5	7.2	0.1	0.1	(Z)	667	2,075	27.67	4.15	...	...	...	...	...	...	...	...
Areas 3 and A	2,885	25.9	100.0	100.0	100.0	161	1,075,195	4.34	2.70	395	1.5	100.0	100.0	100.0	2,873	64,360	4.56
All crop farms	670	46.0	23.2	32.8	37.5	140	346,807	3.73	2.66	79	1.4	20.0	19.9	19.7	2,902	10,639	3.84
All livestock farms	1,745	19.6	60.5	54.4	48.8	179	594,351	4.91	2.75	241	1.6	61.0	71.7	71.9	2,865	49,136	4.85
General crop and livestock farms	445	24.4	15.4	12.1	13.4	144	125,902	3.78	2.61	70	0.9	17.7	8.3	8.3	2,880	4,550	3.89
All other farms	25	39.5	0.9	0.7	0.2	584	8,135	15.95	2.73	5	1.6	1.3	0.1	0.1	2,500	35	1.75

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
			Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)					Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used	Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Oklahoma—Continued																	
Area 4	4,036	9.3	100.0	100.0	100.0	105	898,414	3.06	2.91	17	(Z)	100.0	100.0	100.0	1,584	5,097	4.59
All crop farms	2,406	9.4	59.6	60.7	68.1	94	573,772	2.87	3.06	1	(Z)	5.9	1.6	2.3	1,120	82	3.28
All livestock farms	751	10.8	18.6	18.6	14.7	133	154,178	3.57	2.68	5	(Z)	29.4	28.4	11.3	4,000	1,000	8.00
General crop and livestock farms	879	7.8	21.8	20.7	17.3	126	170,464	3.36	2.67	11	0.1	64.7	70.0	86.5	1,281	4,015	4.18
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Areas 5 and B	3,691	24.2	100.0	100.0	100.0	139	911,036	3.62	2.61	251	0.5	100.0	100.0	100.0	2,286	24,402	4.42
All crop farms	888	32.4	24.1	28.8	37.8	106	311,934	3.28	3.10	41	0.3	16.3	16.6	15.3	2,485	4,046	4.79
All livestock farms	1,968	20.9	53.3	49.9	43.1	161	411,263	3.79	2.36	175	0.8	69.7	70.7	72.7	2,221	16,311	4.06
General crop and livestock farms	795	20.9	21.5	20.9	19.0	152	183,049	3.83	2.51	35	0.3	13.9	12.7	12.0	2,424	4,045	6.13
All other farms	40	43.7	1.1	0.4	0.1	613	4,790	21.29	3.47	...	...	...	...	...	...	...	...
Area 6	1,629	17.8	100.0	100.0	100.0	168	344,469	4.22	2.51	96	0.7	100.0	100.0	100.0	3,214	14,825	4.78
All crop farms	366	16.5	22.5	15.4	18.1	143	51,726	3.50	2.45	6	0.2	6.2	4.7	5.8	2,611	760	4.22
All livestock farms	881	17.5	54.1	66.0	63.5	175	218,916	4.22	2.42	83	0.9	86.5	93.5	90.4	3,322	13,905	4.96
General crop and livestock farms	377	21.2	23.1	17.9	18.3	164	68,827	4.60	2.80	7	0.2	7.3	1.8	3.8	1,538	160	1.37
All other farms	5	11.1	0.3	0.7	(Z)	5,000	5,000	250.00	5.00	...	...	...	...	...	...	...	...
Area 7a	969	10.7	100.0	100.0	100.0	170	220,358	4.46	2.61	80	0.3	100.0	100.0	100.0	2,025	4,640	3.47
All crop farms	214	14.7	22.1	20.0	27.5	124	50,763	3.73	3.01	...	...	...	...	...	...	...	...
All livestock farms	534	8.6	55.1	54.8	50.6	185	113,609	4.54	2.46	69	0.4	86.2	94.1	83.5	2,281	4,327	3.88
General crop and livestock farms	221	14.1	22.8	25.2	21.9	196	55,986	5.17	2.63	11	0.3	13.8	5.9	16.5	727	313	1.42
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 7b	1,138	23.6	100.0	100.0	100.0	162	232,325	3.45	2.12	39	0.4	100.0	100.0	100.0	1,722	8,513	6.76
All crop farms	396	23.9	34.8	24.7	27.8	145	56,502	3.02	2.09	1	0.1	2.6	13.8	6.0	4,000	1,500	20.00
All livestock farms	446	23.4	39.2	46.6	50.0	151	102,163	3.03	2.00	23	0.3	59.0	26.3	36.9	1,226	3,213	6.91
General crop and livestock farms	291	23.6	25.6	28.6	22.2	209	73,410	4.90	2.35	15	1.1	38.5	59.9	57.1	1,806	3,800	5.28
All other farms	5	25.0	0.4	0.1	(Z)	2,000	250	50.00	2.50	...	...	...	...	...	...	...	...
Area 8a	2,267	25.1	100.0	100.0	100.0	167	694,791	4.62	2.77	231	1.3	100.0	100.0	100.0	2,890	32,960	4.29
All crop farms	837	30.8	36.9	35.9	40.5	148	246,791	4.06	2.74	47	1.2	20.3	23.1	31.4	2,124	8,280	3.43
All livestock farms	1,062	22.5	46.8	49.0	44.7	183	336,187	5.00	2.74	163	1.6	70.6	64.0	61.0	3,033	19,195	4.10
General crop and livestock farms	338	21.5	14.9	14.5	14.6	165	104,863	4.78	2.89	16	0.5	6.9	9.5	7.3	3,779	4,360	7.79
All other farms	30	62.4	1.3	0.7	0.2	672	6,950	26.23	3.90	5	5.9	2.2	3.4	0.3	30,000	1,125	45.00
Area 8b	937	22.7	100.0	100.0	100.0	193	223,129	4.97	2.57	94	1.4	100.0	100.0	100.0	1,849	8,533	3.12
All crop farms	153	38.0	16.3	26.5	27.6	186	62,010	5.01	2.69	15	0.6	16.0	13.2	6.6	3,722	1,080	6.00
All livestock farms	707	19.9	75.5	67.0	66.8	194	145,364	4.85	2.50	79	1.7	84.0	86.8	93.4	1,717	7,453	2.92
General crop and livestock farms	77	18.3	8.2	6.5	5.6	223	15,755	6.26	2.80	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 9	1,604	18.1	100.0	100.0	100.0	187	338,442	4.88	2.61	161	1.6	100.0	100.0	100.0	1,946	20,897	3.46
All crop farms	450	27.0	28.1	26.7	27.1	184	101,690	5.40	2.93	...	...	...	...	...	...	...	...
All livestock farms	973	16.0	60.7	59.5	60.2	185	188,228	4.51	2.44	152	2.3	94.4	96.3	98.0	1,912	20,087	3.40
General crop and livestock farms	174	16.9	10.8	13.6	12.6	203	48,250	5.53	2.72	8	0.2	5.0	2.8	1.5	3,667	560	6.22
All other farms	7	6.2	0.4	0.1	0.1	320	274	5.48	1.71	1	3.7	0.6	0.9	0.5	3,333	250	8.33
Oregon, total	17,483	23.8	100.0	100.0	100.0	226	11,375,165	8.91	3.94	1,369	0.4	100.0	100.0	100.0	3,000	321,946	15.31
All crop farms	7,728	25.9	44.2	52.2	53.3	221	6,364,152	9.35	4.22	475	0.3	34.7	29.9	34.5	2,594	90,853	12.52
All livestock farms	5,299	12.1	30.3	16.3	17.6	209	1,598,273	7.11	3.40	553	0.4	40.4	36.7	31.4	3,508	108,921	16.52
General crop and livestock farms	3,663	44.8	21.0	29.9	28.1	241	3,240,221	9.04	3.75	290	0.9	21.2	30.2	32.5	2,794	112,706	16.52
All other farms	793	16.0	4.5	1.5	1.0	332	172,519	13.11	3.95	51	0.4	3.7	3.3	1.7	5,891	9,466	27.12
Area 1a	1,053	12.2	100.0	100.0	100.0	296	218,226	10.48	3.55	151	0.8	100.0	100.0	100.0	5,551	33,386	26.04
All crop farms	181	31.6	17.2	11.1	8.7	379	26,965	14.90	3.93	5	0.7	3.3	0.3	3.1	500	80	2.00
All livestock farms	700	11.3	66.5	73.5	78.3	278	153,671	9.43	3.40	123	0.7	81.5	78.3	84.6	5,137	27,236	25.10
General crop and livestock farms	48	23.9	4.6	5.1	8.2	185	11,175	6.54	3.54	2	0.4	1.3	1.7	2.1	4,519	680	25.19
All other farms	124	7.6	11.8	10.2	4.8	631	26,415	26.52	4.21	21	1.0	13.9	19.7	10.1	10,769	5,390	41.46
Area 1b	1,148	28.4	100.0	100.0	100.0	242	397,834	7.44	3.07	105	0.8	100.0	100.0	100.0	2,753	16,616	11.27
All crop farms	201	51.0	17.5	39.2	26.1	364	177,425	12.71	3.50	10	0.4	9.5	10.3	7.5	3,818	1,125	10.23
All livestock farms	757	25.3	65.9	51.1	62.9	197	185,297	5.51	2.80	87	0.9	82.9	76.5	80.7	2,610	13,094	11.00
General crop and livestock farms	101	27.2	8.8	5.4	6.2	210	19,497	5.86	2.79	6	0.9	5.7	5.6	7.3	2,131	846	7.91
All other farms	89	16.2	7.8	4.3	4.8	221	15,615	6.14	2.78	2	0.4	1.9	7.5	4.5	4,537	1,551	23.15
Areas 2a and A	7,019	42.4	100.0	100.0	100.0	285	3,193,132	11.36	3.99	742	1.2	100.0	100.0	100.0	3,157	122,191	15.45
All crop farms	3,797	48.2	54.1	59.3	48.3	350	1,869,055	13.76	3.93	336	1.2	45.3	41.4	44.4	2,942	53,136	15.14
All livestock farms	1,551	29.6	22.1	13.5	18.4	210	411,823	7.98	3.81	241	1.6	32.5	39.2	35.1	3,526	43,413	15.64
General crop and livestock farms	1,276	46.8	18.2	24.3	31.6	220	815,134	9.19	4.18	149	0.8	20.1	19.0	19.2	3,135	24,678	16.29
All other farms	395	27.7	5.6	2.8	1.7	467	97,120	19.91	4.26	16	0.6	2.2	0.4	1.4	972	964	9.01
Area 2b	3,341	50.0	100.0	100.0	100.0	236	2,821,179	8.98	3.81	319	1.4	100.0	100.0	100.0	2,815	141,231	15.62
All crop farms	1,085	50.3	32.5	28.2	27.4	243	846,862	9.82	4.05	110	1.9	34.5	28.4	35.4	2,258	32,626	10.21
All livestock farms	923	27.9	27.6	10.9	12.9	199	301,122	7.43	3.73	94	0.9	29.5	17.4	14.0	3,494	23,937	18.86
General crop and livestock farms	1,187	63.0	35.5	60.1	58.5	242	1,651,440	8.99	3.71	113	1.6	35.4	53.3	50.2	2,990	83,207	18.33
All other farms	146	18.7	4.4	0.8	1.2	157	21,755	5.84	3.71	2	0.2	0.6	0.9	0.4	6,514	1,461	41.74
Area 3	1,392	17.9	100.0	100.0	100.0	81	1,635,120	5.04	6.26	11	(Z)	100.0	100.0	100.0	960	136	5.44
All crop farms	1,043	18.1	74.9	85.0	91.7	75	1,489,373	5.01	6.71	1	(Z)	9.1	16.7	60.0	267	36	2.40
All livestock farms	222	11.9	15.9	8.3	4.6	145	79,543	5.33	3.68	...	...	...	...	...	...	...	...
General crop and livestock farms	109	30.0	7.8	6.2	3.6	137	60,588	5.13	3.74	...	...	...	...	...	...	...	...
All other farms	18	18.2	1.3	0.5	0.1	673	5,616	27.40	4.07	10	0.9	90.9	83.3	40.0	2,000	100	10.00

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Oregon—Continued																	
Area 4	3,530	14.8	100.0	100.0	100.0	315	3,109,674	10.99	3.49	41	0.1	100.0	100.0	100.0	1,130	8,386	6.47
All crop farms	1,421	29.3	40.3	61.0	51.4	374	1,954,472	13.45	3.60	13	0.1	31.7	57.4	29.8	2,176	3,850	9.95
All livestock farms	1,146	6.0	32.5	16.7	23.9	220	466,817	6.90	3.14	8	(Z)	19.5	16.0	21.2	851	1,241	4.51
General crop and livestock farms	942	26.6	26.7	22.1	24.4	284	682,387	9.87	3.47	20	0.2	48.8	26.6	49.0	614	3,295	5.19
All other farms	21	5.4	0.6	0.2	0.3	213	5,998	7.44	3.49	...	...	...	...	...	...	...	...
Pennsylvania, total	70,395	49.6	100.0	100.0	100.0	354	28,970,202	9.13	2.58	33,611	9.0	100.0	100.0	100.0	2,714	4,496,230	7.76
All crop farms	9,580	55.5	13.6	20.3	16.0	485	6,156,900	13.06	2.69	3,207	7.7	9.5	10.2	11.3	2,465	458,646	7.02
All livestock farms	49,391	43.3	70.2	61.8	67.2	351	17,795,416	8.98	2.56	25,425	9.4	75.6	76.2	74.6	2,774	3,425,672	7.93
General crop and livestock farms	10,036	51.7	14.3	16.9	16.2	398	4,722,828	9.90	2.49	4,596	8.2	13.7	12.5	13.0	2,605	558,501	7.40
All other farms	1,388	35.5	2.0	1.0	0.6	571	295,058	15.77	2.76	383	12.4	1.1	1.1	1.1	2,560	53,411	8.15
Areas 1a, A, and B	6,692	44.0	100.0	100.0	100.0	369	2,178,697	9.90	2.68	3,764	10.3	100.0	100.0	100.0	3,249	447,858	8.69
All crop farms	958	57.9	14.3	26.4	18.5	526	635,978	15.60	2.96	387	7.8	10.3	9.6	10.6	2,928	46,600	8.53
All livestock farms	5,128	41.8	76.6	65.2	73.2	329	1,370,689	8.51	2.59	2,997	10.8	79.6	80.8	80.5	3,265	361,613	8.72
General crop and livestock farms	536	43.9	8.0	7.6	7.7	366	155,245	9.16	2.50	350	10.6	9.3	8.6	7.9	3,518	36,470	8.92
All other farms	70	20.5	1.0	0.8	0.6	482	16,785	12.96	2.69	30	8.2	0.8	1.0	1.0	3,288	3,175	6.11
Area 1b	3,867	37.0	100.0	100.0	100.0	329	1,039,040	8.51	2.59	2,449	11.2	100.0	100.0	100.0	3,023	312,272	8.44
All crop farms	395	39.5	10.2	10.4	10.0	343	109,835	9.00	2.62	192	9.5	7.8	6.4	7.9	2,466	20,195	6.92
All livestock farms	2,953	36.4	76.4	76.4	77.1	326	793,533	8.43	2.59	1,919	11.1	78.4	80.9	77.3	3,155	253,840	8.84
General crop and livestock farms	442	40.8	11.4	12.1	12.3	325	124,519	8.32	2.56	321	14.5	13.1	12.1	14.4	2,542	36,673	6.87
All other farms	77	22.2	2.0	1.1	0.6	584	11,153	15.15	2.59	17	4.6	0.7	0.5	0.4	3,868	1,564	10.36
Area 2	6,539	23.9	100.0	100.0	100.0	365	1,567,173	9.31	2.55	4,634	11.2	100.0	100.0	100.0	2,749	760,533	9.69
All crop farms	122	40.8	1.9	6.5	3.3	713	105,455	18.81	2.64	52	13.5	1.1	2.2	2.4	2,601	19,670	10.57
All livestock farms	6,230	23.8	95.3	89.8	93.5	351	1,392,318	8.85	2.52	4,449	11.2	95.9	93.7	94.2	2,734	709,459	9.59
General crop and livestock farms	151	21.1	2.3	3.5	2.9	441	65,280	13.20	2.99	121	10.3	2.6	3.7	3.1	3,335	27,375	11.31
All other farms	36	7.6	0.6	0.2	0.2	267	4,120	11.44	4.29	16	6.3	0.3	0.4	0.4	2,609	4,029	13.47
Area 3	2,069	47.3	100.0	100.0	100.0	360	844,823	9.65	2.68	1,031	9.4	100.0	100.0	100.0	2,510	106,942	6.13
All crop farms	370	42.0	17.9	14.7	14.9	355	121,620	9.34	2.63	105	7.6	10.2	11.4	13.5	2,119	11,940	5.07
All livestock farms	1,337	48.6	64.6	63.0	66.5	341	538,192	9.25	2.71	756	9.5	73.3	70.5	65.0	2,724	75,827	6.69
General crop and livestock farms	337	48.6	16.3	22.1	18.2	436	181,486	11.37	2.61	165	11.4	16.0	18.0	21.4	2,107	18,960	5.07
All other farms	25	23.5	1.2	0.3	0.4	225	3,525	9.93	4.41	5	1.0	0.5	0.1	0.1	3,333	215	14.33
Area 4a	3,557	38.2	100.0	100.0	100.0	308	1,022,001	8.14	2.64	2,221	12.1	100.0	100.0	100.0	2,677	289,620	7.30
All crop farms	405	39.7	11.4	11.8	12.2	298	121,425	7.94	2.67	220	13.4	9.9	9.3	13.0	1,907	24,915	4.84
All livestock farms	2,528	38.5	71.1	73.4	73.4	308	748,245	8.12	2.64	1,619	12.0	72.9	76.1	72.7	2,802	220,255	7.64
General crop and livestock farms	562	36.5	15.8	14.0	13.6	317	143,760	8.42	2.66	362	11.9	16.3	14.4	14.0	2,745	42,920	7.72
All other farms	62	26.2	1.7	0.9	0.8	340	8,571	8.42	2.48	20	3.2	0.9	0.3	0.3	2,640	1,530	12.24
Area D	4,002	26.4	100.0	100.0	100.0	323	932,610	8.33	2.58	2,613	9.6	100.0	100.0	100.0	2,910	342,330	8.43
All crop farms	375	31.0	9.4	10.2	8.2	400	97,525	10.58	2.64	175	11.0	6.7	7.2	8.1	2,614	25,125	7.67
All livestock farms	3,099	25.6	77.4	76.3	79.2	311	706,240	7.96	2.56	2,137	9.4	81.8	83.8	80.6	3,024	285,105	8.70
General crop and livestock farms	362	30.3	9.0	11.4	11.4	320	107,555	8.39	2.62	261	9.5	10.0	7.6	9.9	2,250	25,995	6.49
All other farms	166	27.6	4.1	2.1	1.1	616	21,290	17.21	2.79	40	13.3	1.5	1.3	1.5	2,672	6,105	10.26
Areas 4b and E	3,501	35.5	100.0	100.0	100.0	367	1,215,095	9.41	2.56	1,867	10.1	100.0	100.0	100.0	2,707	275,070	7.51
All crop farms	332	41.0	9.5	13.2	10.1	479	166,955	12.80	2.67	186	12.4	10.0	10.8	10.8	2,707	31,745	8.02
All livestock farms	2,551	34.7	72.9	71.6	74.7	352	865,590	8.97	2.55	1,365	9.8	73.1	76.3	74.3	2,781	209,695	7.71
General crop and livestock farms	577	37.2	16.5	15.0	15.0	367	178,705	9.24	2.52	310	10.2	16.6	12.7	14.5	2,373	32,950	6.21
All other farms	41	14.5	1.2	0.3	0.2	444	3,845	13.98	3.15	6	8.4	0.3	0.2	0.4	1,375	680	4.25
Areas 5 and F	7,932	49.2	100.0	100.0	100.0	297	2,875,002	7.48	2.52	2,915	6.9	100.0	100.0	100.0	2,955	442,730	8.23
All crop farms	1,032	46.8	13.0	12.3	12.2	298	360,059	7.65	2.57	317	5.8	10.9	10.9	10.8	2,985	50,773	8.78
All livestock farms	5,539	49.4	69.8	70.4	69.8	299	2,023,756	7.54	2.52	2,079	7.1	71.3	71.6	71.9	2,946	311,815	8.07
General crop and livestock farms	1,263	50.5	15.9	17.0	17.7	284	481,789	7.08	2.49	508	6.9	17.4	17.1	17.2	2,943	78,590	8.50
All other farms	98	33.2	1.2	0.3	0.2	406	9,398	10.36	2.55	11	3.7	0.4	0.4	0.2	5,545	1,552	15.37
Areas 6, C, and G	5,856	53.0	100.0	100.0	100.0	419	2,772,475	10.48	2.50	2,984	9.7	100.0	100.0	100.0	2,333	353,281	7.29
All crop farms	1,217	60.6	20.8	30.2	24.7	513	832,634	12.75	2.49	477	8.2	16.0	16.6	18.2	2,135	64,973	7.39
All livestock farms	3,502	48.6	59.8	48.1	54.4	370	1,336,491	9.29	2.51	1,976	10.8	66.2	68.1	66.2	2,398	233,168	7.27
General crop and livestock farms	987	59.1	16.9	21.2	20.4	436	588,060	10.92	2.50	496	8.2	16.6	15.0	15.3	2,286	53,350	7.19
All other farms	150	35.8	2.6	0.5	0.6	352	15,290	10.30	2.93	35	3.6	1.2	0.3	0.3	2,267	1,790	11.93
Areas 7 and H	7,330	57.3	100.0	100.0	100.0	332	3,584,540	8.65	2.61	2,510	7.5	100.0	100.0	100.0	2,904	339,416	6.27
All crop farms	1,248	65.2	17.0	22.1	20.9	350	798,241	9.20	2.63	361	7.1	14.4	16.6	17.5	2,748	56,010	5.91
All livestock farms	4,805	54.4	65.6	58.6	61.4	317	2,144,323	8.43	2.66	1,692	7.7	67.4	67.9	66.4	2,971	226,930	6.32
General crop and livestock farms	1,205	59.3	16.4	18.6	17.2	361	616,230	8.67	2.40	445	7.1	17.7	15.2	15.7	2,808	55,335	6.51
All other farms	72	88.6	1.0	0.7	0.5	494	25,746	13.33	2.70	12	9.2	0.5	0.3	0.4	2,348	1,141	5.68
Areas J and K	9,287	61.6	100.0	100.0	100.0	468	4,535,502	11.64	2.48	3,089	7.3	100.0	100.0	100.0	2,365	335,494	7.29
All crop farms	1,392	59.9	15.0	17.1	13.9	577	782,154	14.43	2.50	302	5.3	9.8	10.8	10.4	2,452	34,286	7.14
All livestock farms	5,273	61.8	56.8	53.9	57.8	437	2,433,925	10.81	2.47	1,866	8.0	60.4	64.7	63.3	2,417	210,650	7.23
General crop and livestock farms	2,522	62.1	27.2	28.6	28.1	478	1,304,543	11.92	2.50	906	6.8	29.3	24.4	26.2	2,205	90,268	7.49
All other farms	100	71.6	1.1	0.3	0.2	606	14,880	17.61	2.91	15	2.1	0.5	0.1	0.1	2,400	290	11.60
Areas L, M, and N	9,763	56.9	100.0	100.0	100.0	458	6,403,244	12.05	2.63	3,534	8.1	100.0	100.0	100.0	2,279	490,684	6.49
All crop farms	1,734	63.8	17.8	29.0	20.5	649	2,025,019	18.61	2.87	433	6.7	12.3	14.5	15.2	2,181	72,414	6.32
All livestock farms	6,446	55.3	66.0	55.2	64.3	393	3,442,114	10.07	2.56	2,574	8.4	72.8	67.3	68.9	2,225	327,315	6.28
General crop and livestock farms	1,092	56.3	11.2	13.3	13.7	446	775,656	10.67	2.39	351	6.0	9.9	12.3	10.3	2,719	59,615	7.64
All other farms	491	50.7	5.0	2.4	1.6	710	160,455	19.41	2.73	176	25.8	5.0	5.9	5.6	2,394	31,340	7.44

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Rhode Island, total (Areas 1 and A)	566	33.6	100.0	100.0	100.0	748	307,311	20.82	2.78	192	6.4	100.0	100.0	100.0	2,045	25,981	9.17
All crop farms	100	54.9	17.7	24.6	12.1	1,519	79,215	44.38	2.92	10	1.1	5.2	1.9	1.2	3,143	490	14.00
All livestock farms	376	31.6	66.4	58.8	80.7	345	172,526	14.48	2.66	157	6.9	81.8	91.2	91.7	2,034	23,656	9.11
General crop and livestock farms	25	36.2	4.4	2.7	4.3	472	10,025	15.66	3.32	5	0.6	2.6	0.5	0.4	3,000	135	13.50
All other farms	65	33.9	11.5	13.9	2.9	3,614	45,545	107.16	2.97	20	15.1	10.4	6.4	6.7	1,947	1,700	8.95
South Carolina, total	70,143	71.1	100.0	100.0	100.0	491	31,848,807	11.41	2.32	4,348	3.2	100.0	100.0	100.0	1,744	606,180	4.86
All crop farms	59,265	76.3	84.5	72.5	68.7	518	23,292,635	12.15	2.34	2,403	1.9	55.3	39.0	39.1	1,739	249,662	5.12
All livestock farms	6,075	59.6	8.7	14.9	18.0	407	4,548,740	9.07	2.23	1,270	6.5	29.2	43.1	44.0	1,710	250,257	4.57
General crop and livestock farms	4,143	68.7	5.9	11.7	12.2	470	3,721,856	10.90	2.32	533	3.6	12.3	15.0	14.5	1,806	91,570	5.06
All other farms	660	43.9	0.9	0.9	1.2	390	285,576	8.73	2.24	142	4.1	3.3	2.9	2.5	2,059	14,691	4.80
Area 1	1,533	62.9	100.0	100.0	100.0	413	562,822	10.44	2.52	247	8.4	100.0	100.0	100.0	1,821	35,238	4.90
All crop farms	1,032	67.4	67.3	55.5	52.7	436	322,075	11.33	2.60	100	6.2	40.5	36.7	36.6	1,825	14,245	5.42
All livestock farms	299	60.5	19.5	30.1	29.4	423	161,102	10.16	2.40	101	11.9	40.9	40.8	43.5	1,705	12,765	4.08
General crop and livestock farms	136	59.9	8.9	11.8	14.7	330	65,555	8.26	2.50	26	8.9	10.5	18.9	16.5	2,093	7,323	6.19
All other farms	66	42.4	4.3	2.6	3.2	342	14,090	8.25	2.41	20	6.1	8.1	3.7	3.4	1,959	905	3.69
Area 2	7,781	67.0	100.0	100.0	100.0	416	3,329,322	9.49	2.28	963	6.1	100.0	100.0	100.0	1,603	136,480	4.27
All crop farms	6,048	70.6	77.7	64.0	60.8	437	2,110,590	9.89	2.26	519	3.9	53.9	43.1	37.2	1,856	61,024	5.12
All livestock farms	1,235	64.6	15.9	25.3	29.0	362	852,996	8.37	2.31	303	9.5	31.5	40.3	47.0	1,373	53,185	3.53
General crop and livestock farms	378	62.0	4.9	8.3	7.9	434	280,922	10.07	2.32	99	8.4	10.3	12.1	11.8	1,644	16,684	4.40
All other farms	120	40.3	1.5	2.5	2.2	467	84,814	11.01	2.36	42	6.5	4.4	4.5	3.9	1,832	5,587	4.47
Area 3	4,696	60.4	100.0	100.0	100.0	411	1,683,717	9.00	2.19	313	3.4	100.0	100.0	100.0	1,885	50,898	4.81
All crop farms	3,750	66.3	79.9	62.2	58.1	440	1,043,129	9.59	2.18	121	1.4	38.7	18.4	21.5	1,618	9,415	4.14
All livestock farms	646	54.7	13.8	28.4	31.8	367	471,887	7.94	2.16	121	5.9	38.7	66.9	60.5	2,084	34,343	5.36
General crop and livestock farms	198	58.4	4.2	8.1	8.4	395	146,547	9.28	2.35	45	6.2	14.4	11.7	15.8	1,396	6,350	3.80
All other farms	102	30.8	2.2	1.3	1.7	311	22,154	6.92	2.22	26	2.2	8.3	3.0	2.2	2,565	790	3.43
Area 4	4,211	60.8	100.0	100.0	100.0	401	1,650,875	9.08	2.26	526	4.6	100.0	100.0	100.0	1,756	59,464	4.31
All crop farms	2,884	72.7	68.5	56.5	49.3	460	933,042	10.42	2.26	185	3.3	35.2	25.5	29.6	1,509	17,135	4.19
All livestock farms	877	53.7	20.8	30.9	36.8	338	506,817	7.58	2.25	258	6.0	49.0	54.8	54.5	1,765	32,450	4.31
General crop and livestock farms	330	53.4	7.8	10.4	11.1	374	176,450	8.71	2.33	48	4.2	9.1	14.7	11.6	2,219	7,223	4.51
All other farms	120	38.6	2.8	2.2	2.8	309	34,566	6.69	2.17	35	4.4	6.7	5.1	4.3	2,092	2,656	4.50
Areas 5, A, and B	5,946	66.3	100.0	100.0	100.0	446	3,035,102	9.95	2.23	372	2.3	100.0	100.0	100.0	1,966	60,523	5.61
All crop farms	4,971	73.2	83.6	79.7	76.4	465	2,426,325	10.41	2.24	236	1.6	63.4	51.3	48.2	2,095	30,942	5.96
All livestock farms	578	48.4	9.7	10.7	13.5	351	322,087	7.80	2.22	85	4.6	22.8	33.2	36.3	1,795	20,273	5.18
General crop and livestock farms	353	55.6	5.9	8.8	9.1	429	258,613	9.30	2.17	40	3.1	10.8	14.3	14.3	1,966	8,758	5.67
All other farms	44	46.7	0.7	0.9	1.0	415	28,077	9.67	2.33	11	2.0	3.0	1.2	1.2	2,000	550	4.40
Area 6	19,707	77.3	100.0	100.0	100.0	473	11,127,699	10.70	2.26	912	2.5	100.0	100.0	100.0	1,780	176,144	5.15
All crop farms	16,828	79.2	85.4	70.1	69.3	479	7,812,839	10.84	2.26	505	1.6	55.4	41.4	42.7	1,726	73,168	5.01
All livestock farms	1,131	67.3	5.7	10.8	11.9	429	1,158,532	9.33	2.17	216	6.8	23.7	37.9	36.8	1,832	62,942	5.00
General crop and livestock farms	1,669	78.2	8.5	18.6	18.2	483	2,116,659	11.16	2.31	189	2.8	20.7	19.6	19.7	1,772	37,414	5.56
All other farms	79	58.9	0.4	0.4	0.6	354	39,669	6.93	1.96	2	2.6	0.2	1.1	0.7	2,579	2,620	10.40
Area 7	21,478	80.0	100.0	100.0	100.0	641	7,865,960	16.32	2.54	763	1.5	100.0	100.0	100.0	1,473	41,635	4.76
All crop farms	20,366	82.0	94.8	90.3	88.3	656	7,143,478	16.79	2.56	645	1.1	84.5	63.6	63.3	1,480	29,033	5.24
All livestock farms	505	68.9	2.4	4.9	6.3	495	359,308	11.79	2.38	76	6.1	10.0	29.7	30.6	1,430	10,372	3.88
General crop and livestock farms	557	66.7	2.6	4.6	5.3	561	350,284	13.78	2.46	42	1.4	5.5	6.7	6.1	1,617	2,230	4.14
All other farms	50	48.1	0.2	0.2	0.2	672	12,890	17.19	2.56	...	...	...	...	...	...	...	...
Areas 8 and C	4,791	64.4	100.0	100.0	100.0	602	2,593,310	13.56	2.25	252	2.5	100.0	100.0	100.0	1,882	45,798	6.18
All crop farms	3,386	73.1	70.7	57.2	51.1	674	1,501,157	15.35	2.28	92	1.9	36.5	26.7	33.7	1,495	14,700	5.89
All livestock farms	804	55.9	16.8	28.6	32.0	538	716,011	11.70	2.18	110	3.2	43.7	51.5	47.6	2,039	23,927	6.79
General crop and livestock farms	522	61.5	10.9	12.2	14.0	528	326,826	12.25	2.32	44	2.4	17.5	15.9	13.8	2,176	5,588	5.47
All other farms	79	54.9	1.6	1.9	2.9	403	49,316	8.89	2.21	6	3.6	2.4	5.8	5.0	2,190	1,583	4.30
South Dakota, total	10,359	2.8	100.0	100.0	100.0	140	3,191,349	5.83	4.18	111	(Z)	100.0	100.0	100.0	1,371	2,631	2.99
All crop farms	2,816	2.3	27.2	27.9	29.3	133	860,726	5.37	4.04	27	(Z)	24.3	35.6	37.5	1,303	778	2.36
All livestock farms	5,796	3.3	56.0	58.6	57.3	143	1,911,290	6.09	4.27	63	(Z)	56.8	46.9	55.1	1,167	1,608	3.32
General crop and livestock farms	1,712	2.2	16.5	13.4	13.4	140	415,283	5.68	4.06	11	(Z)	9.9	15.9	6.4	3,429	215	3.84
All other farms	35	3.8	0.3	0.1	(Z)	1,818	4,050	73.64	4.05	10	0.7	9.0	1.7	1.1	2,000	30	3.00
Area 1	372	0.4	100.0	100.0	100.0	181	137,779	8.12	4.48	2	(Z)	100.0	100.0	100.0	2,667	58	6.44
All crop farms	107	0.4	28.8	34.9	36.0	176	45,796	7.50	4.27	1	(Z)	50.0	83.3	55.6	4,000	50	10.00
All livestock farms	199	0.3	53.5	44.7	48.7	166	63,404	7.68	4.61	1	(Z)	50.0	16.7	44.4	1,000	8	2.00
General crop and livestock farms	56	0.7	15.0	19.8	15.2	236	27,929	10.80	4.58	...	...	...	...	...	...	...	...
All other farms	10	4.8	2.7	0.7	0.1	1,000	650	32.50	3.25	...	...	...	...	...	...	...	...
Area 2a	209	0.4	100.0	100.0	100.0	76	53,028	3.60	4.74	3	(Z)	100.0	100.0	100.0	1,355	220	3.55
All crop farms	56	0.4	26.8	29.7	29.2	77	16,857	3.91	5.08	...	...	...	...	...	...	...	...
All livestock farms	118	0.5	56.5	58.5	60.4	73	31,293	3.51	4.78	2	(Z)	66.7	97.6	98.4	1,344	215	3.52
General crop and livestock farms	30	0.2	14.4	10.0	10.4	73	4,178	2.73	3.73	1	(Z)	33.3	2.4	1.6	2,000	5	5.00
All other farms	5	100.0	2.4	1.8	(Z)	4,000	700	140.00	3.50	...	...	...	...	...	...	...	...
Area 2b	845	1.6	100.0	100.0	100.0	112	249,817	4.70	4.19	16	(Z)	100.0	100.0	100.0	1,024	423	2.06
All crop farms	346	1.3	40.9	43.1	40.4	120	109,670	5.11	4.27	11	(Z)	68.8	95.2	97.6	1,000	388	1.94
All livestock farms	332	2.2	39.3	42.8	46.4	103	109,444	4.43	4.29	5	(Z)	31.2	4.8	2.4	2,000	35	7.00
General crop and livestock farms	167	1.2	19.8	14.1	13.2	120	30,703	4.38	3.65	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
South Dakota—Continued																	
Area 3a	400	1.2	100.0	100.0	100.0	87	81,143	4.03	4.64	...	...	...	...	...	...	...	...
All crop farms	90	1.5	22.5	24.3	32.4	65	20,124	3.08	4.75	...	...	...	...	...	...	...	...
All livestock farms	261	1.2	65.3	65.7	58.7	97	52,808	4.47	4.60	...	...	...	...	...	...	...	...
General crop and livestock farms	49	0.8	12.2	10.1	8.9	99	8,211	4.60	4.67	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 3b	1,677	3.2	100.0	100.0	100.0	132	470,677	6.03	4.57	35	(Z)	100.0	100.0	100.0	2,256	695	3.56
All crop farms	542	3.0	32.3	32.1	34.5	123	156,384	5.80	4.73	10	(Z)	28.6	43.2	53.8	1,810	230	2.19
All livestock farms	848	3.6	50.6	56.9	52.6	143	262,361	6.39	4.47	20	(Z)	57.1	15.9	20.5	1,750	285	7.12
General crop and livestock farms	287	2.4	17.1	11.0	12.9	112	51,932	5.16	4.59	5	(Z)	14.3	40.9	25.6	3,600	180	3.60
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 4s	2,280	4.5	100.0	100.0	100.0	135	558,877	5.11	3.78	15	(Z)	100.0	100.0	100.0	400	195	1.30
All crop farms	691	4.4	30.3	35.4	36.2	132	193,391	4.88	3.70	...	...	...	...	...	...	...	...
All livestock farms	1,056	5.4	46.3	43.0	43.8	133	243,121	5.08	3.83	10	(Z)	66.7	83.3	96.7	345	165	1.14
General crop and livestock farms	533	3.4	23.4	21.6	19.9	146	122,365	5.62	3.84	5	(Z)	33.3	16.7	3.3	2,000	30	6.00
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 4b	4,576	11.3	100.0	100.0	100.0	155	1,640,028	6.43	4.16	40	(Z)	100.0	100.0	100.0	1,500	1,040	4.00
All crop farms	984	8.9	21.5	21.2	21.7	151	318,504	5.77	3.81	5	(Z)	12.5	5.1	7.7	1,000	110	5.50
All livestock farms	2,982	13.1	65.2	68.1	67.2	157	1,148,859	6.71	4.28	25	(Z)	62.5	89.7	88.5	1,522	900	3.91
General crop and livestock farms	590	8.4	12.9	10.6	11.1	147	169,965	5.98	4.08	...	...	...	...	...	...	...	...
All other farms	20	4.3	0.4	0.2	(Z)	2,000	2,700	90.00	4.50	10	1.4	25.0	5.1	3.8	2,000	30	3.00
Tennessee, total	107,945	36.9	100.0	100.0	100.0	327	23,737,892	8.31	2.55	8,153	1.6	100.0	100.0	100.0	3,195	667,035	5.32
All crop farms	68,054	40.4	63.0	51.2	48.6	344	12,606,387	9.08	2.64	2,526	0.8	31.0	22.5	23.2	3,102	168,386	5.80
All livestock farms	26,430	33.1	24.5	32.9	35.2	306	7,559,435	7.53	2.46	3,935	2.3	48.3	56.7	56.8	3,190	360,501	5.06
General crop and livestock farms	12,552	36.8	11.6	14.9	15.5	315	3,350,063	7.58	2.41	1,586	2.0	19.5	19.9	19.4	3,286	132,213	5.44
All other farms	909	33.5	0.8	1.0	0.7	432	222,007	10.51	2.43	106	1.4	1.3	0.9	0.7	4,051	5,935	6.85
Areas 1 and A	29,846	39.3	100.0	100.0	100.0	312	7,283,419	9.23	2.96	921	1.1	100.0	100.0	100.0	2,614	141,885	6.46
All crop farms	26,537	42.8	88.9	76.8	77.6	309	5,671,910	9.26	3.00	477	0.7	51.8	38.5	42.8	2,352	58,748	6.26
All livestock farms	2,088	30.8	7.0	16.1	15.4	328	1,104,879	9.12	2.78	309	2.3	33.6	43.4	40.6	2,795	58,729	6.59
General crop and livestock farms	1,135	29.9	3.8	6.6	6.7	308	474,590	9.00	2.92	133	2.0	14.4	17.5	16.2	2,825	23,568	6.61
All other farms	86	31.4	0.3	0.4	0.4	349	32,040	10.76	3.09	2	1.1	0.2	0.6	0.5	3,580	840	8.40
Area 2	11,733	41.7	100.0	100.0	100.0	285	2,628,384	7.39	2.59	762	1.5	100.0	100.0	100.0	2,940	73,961	5.74
All crop farms	8,061	46.5	68.7	63.1	59.6	302	1,690,557	7.97	2.64	245	0.7	32.2	22.9	24.5	2,754	18,705	5.93
All livestock farms	2,322	35.4	19.8	24.3	26.1	266	622,257	6.71	2.52	361	2.8	47.4	61.4	57.9	3,120	40,351	5.41
General crop and livestock farms	1,304	38.0	11.1	12.3	14.0	250	307,010	6.18	2.47	155	1.7	20.3	15.4	17.4	2,601	14,780	6.58
All other farms	46	29.5	0.4	0.3	0.3	318	8,560	8.19	2.58	1	0.8	0.1	0.2	0.2	3,000	125	4.17
Area 3	5,791	42.1	100.0	100.0	100.0	282	1,334,438	6.56	2.33	569	1.5	100.0	100.0	100.0	3,150	35,633	5.04
All crop farms	3,152	45.8	54.4	46.3	45.0	290	616,630	6.74	2.32	186	1.0	32.7	22.6	29.1	2,448	8,357	4.07
All livestock farms	1,992	37.9	34.4	40.8	41.9	274	545,714	6.40	2.34	307	1.7	54.0	58.3	52.7	3,485	20,591	5.52
General crop and livestock farms	594	46.9	10.3	12.6	12.7	279	167,280	6.47	2.32	65	2.1	11.4	17.2	16.5	3,288	6,315	5.42
All other farms	53	21.8	0.9	0.4	0.4	244	4,814	5.70	2.34	11	3.2	1.9	1.9	1.8	3,440	370	2.96
Area 4	6,430	37.5	100.0	100.0	100.0	403	1,918,342	10.14	2.51	482	1.6	100.0	100.0	100.0	3,556	40,331	5.10
All crop farms	4,309	38.2	67.0	58.7	51.6	459	1,129,210	11.57	2.52	180	0.9	37.3	30.5	30.2	3,597	12,160	5.10
All livestock farms	1,063	31.1	16.5	16.1	20.4	319	311,553	8.08	2.53	176	2.9	36.5	43.6	44.8	3,459	18,336	5.18
General crop and livestock farms	1,038	42.6	16.1	25.0	27.9	361	475,624	9.00	2.49	126	1.6	26.1	25.9	25.0	3,682	9,835	4.97
All other farms	20	38.7	0.3	0.1	0.2	262	1,955	6.74	2.57	...	...	...	...	...	...	...	...
Areas 5 and B	13,505	26.7	100.0	100.0	100.0	267	2,373,357	6.44	2.41	982	1.5	100.0	100.0	100.0	2,549	79,443	3.80
All crop farms	4,156	30.3	30.8	22.1	18.6	318	487,545	7.13	2.24	95	0.3	9.7	3.9	3.7	2,671	3,950	5.10
All livestock farms	7,117	25.7	52.7	60.2	63.2	255	1,482,323	6.37	2.50	670	1.8	68.2	73.6	76.0	2,467	56,773	3.58
General crop and livestock farms	2,172	27.4	16.1	17.5	18.0	260	398,249	6.01	2.31	202	1.7	20.6	22.1	19.7	2,870	18,345	4.47
All other farms	60	15.5	0.4	0.2	0.2	262	5,240	6.02	2.30	15	2.2	1.5	0.4	0.6	1,680	375	3.00
Area 6	11,287	39.9	100.0	100.0	100.0	331	2,473,421	7.80	2.36	1,284	2.0	100.0	100.0	100.0	3,665	84,201	5.25
All crop farms	4,712	37.3	41.7	27.6	26.7	342	674,274	7.96	2.33	276	1.0	21.5	16.4	14.4	4,170	15,200	6.57
All livestock farms	4,117	40.2	36.5	44.3	47.3	310	1,124,179	7.50	2.42	646	2.4	50.3	51.6	55.7	3,397	42,671	4.78
General crop and livestock farms	2,229	42.1	19.7	24.4	24.0	336	583,922	7.68	2.28	332	2.6	25.9	30.6	29.1	3,856	25,045	5.36
All other farms	229	45.9	2.0	3.6	2.0	603	91,046	14.35	2.38	30	0.9	2.3	1.4	0.8	6,154	1,285	9.88
Area 7	1,883	40.5	100.0	100.0	100.0	368	696,887	9.61	2.61	362	2.9	100.0	100.0	100.0	4,772	33,088	6.42
All crop farms	443	45.6	23.5	22.9	16.1	524	155,878	13.37	2.55	45	1.3	12.4	5.7	6.5	4,209	2,325	6.94
All livestock farms	1,060	39.3	56.3	61.3	68.0	331	440,458	8.94	2.70	269	3.4	74.3	82.5	82.1	4,794	27,213	6.43
General crop and livestock farms	335	43.3	17.8	14.6	14.4	374	92,736	8.90	2.38	47	2.3	13.0	10.8	10.6	4,860	3,175	5.84
All other farms	45	27.8	2.4	1.2	1.6	293	7,815	6.90	2.35	1	1.0	0.3	1.0	0.8	5,952	375	8.93
Areas 8s, C, and D	9,334	37.2	100.0	100.0	100.0	362	2,077,965	8.09	2.24	1,257	2.7	100.0	100.0	100.0	3,425	94,875	5.08
All crop farms	4,332	31.9	46.4	28.0	25.4	398	577,760	8.84	2.22	346	1.8	27.5	20.1	19.5	3,530	19,456	5.35
All livestock farms	3,315	39.6	35.5	54.7	55.7	355	1,142,460	7.99	2.25	669	3.3	53.2	62.1	64.7	3,286	58,899	4.87
General crop and livestock farms	1,434	39.7	15.4	14.5	16.4	320	298,305	7.07	2.21	206	2.5	16.4	15.9	14.3	3,820	14,275	5.36
All other farms	253	35.7	2.7	2.8	2.5	407	59,440	9.38	2.30	36	1.6	2.9	1.9	1.5	4,296	2,245	7.90
Area 8b	18,136	36.1	100.0	100.0	100.0	424	2,951,679	9.72	2.29	1,534	1.8	100.0	100.0	100.0	3,663	83,618	5.61
All crop farms	12,352	35.3	68.1	54.3	47.7	483	1,602,623	11.07	2.29	676	1.2	44.1	36.2	33.6	3,950	29,485	5.89
All livestock farms	3,356	34.6	18.5	26.6	30.2	374	785,612	8.57	2.30	528	2.5	34.4	44.8	43.6	3,759	36,938	5.68
General crop and livestock farms	2,311	40.6	12.7	18.8	21.7	366	552,347	8.36	2.29	320	2.1	20.9	18.7	22.6	3,039	16,875	5.01
All other farms	117	30.8	.0.6	0.4	0.4	391	11,097	8.60	2.20	10	0.7	0.7	0.3	0.2	5,000	320	10.67

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Texas, total	63,215	11.2	100.0	100.0	100.0	213	28,593,660	6.82	3.21	1,236	0.1	100.0	100.0	100.0	1,818	209,048	4.88
All crop farms	32,058	11.0	50.7	60.4	59.7	215	18,959,932	7.57	3.52	326	(Z)	26.4	19.8	21.7	1,662	43,100	4.64
All livestock farms	21,734	10.2	34.4	28.0	29.0	205	6,803,914	5.59	2.73	767	0.3	62.1	74.4	72.3	1,869	155,144	5.01
General crop and livestock farms	8,495	16.0	13.4	10.6	10.6	212	2,570,346	5.78	2.73	122	0.1	9.9	3.6	4.5	1,477	6,380	3.35
All other farms	928	22.4	1.5	1.1	0.7	345	259,468	9.20	2.66	21	0.5	1.7	2.2	1.5	2,555	4,424	6.67
Areas 1a and A	843	33.8	100.0	100.0	100.0	308	2,307,190	15.21	4.93	6	0.1	100.0	100.0	100.0	3,931	5,400	9.31
All crop farms	754	46.2	89.4	93.2	93.2	308	2,207,833	15.61	5.06	6	0.1	100.0	100.0	100.0	3,931	5,400	9.31
All livestock farms	67	4.0	7.9	3.9	3.5	341	44,223	8.22	2.41	...	...	...	...	...	...	...	...
General crop and livestock farms	22	48.8	2.6	2.8	3.2	272	55,134	11.29	4.15	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 1b	156	1.2	100.0	100.0	100.0	184	67,548	5.72	3.10	1	(Z)	100.0	100.0	100.0	2,000	750	6.00
All crop farms	27	6.3	17.3	34.7	32.0	200	26,982	7.15	3.58	...	...	...	...	...	...	...	...
All livestock farms	117	0.8	75.0	60.1	65.1	170	37,701	4.91	2.88	1	(Z)	100.0	100.0	100.0	2,000	750	6.00
General crop and livestock farms	12	4.9	7.7	5.2	2.9	328	2,865	8.23	2.51	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 2	1,558	5.2	100.0	100.0	100.0	151	338,190	4.83	3.19	6	(Z)	100.0	100.0	100.0	196	315	1.24
All crop farms	175	3.9	11.2	13.8	14.2	147	46,934	4.71	3.21	...	...	...	...	...	...	...	...
All livestock farms	1,257	5.3	80.7	80.5	79.6	153	271,966	4.88	3.19	6	(Z)	100.0	100.0	100.0	196	315	1.24
General crop and livestock farms	121	7.4	7.8	5.5	6.1	136	18,840	4.40	3.24	...	...	...	...	...	...	...	...
All other farms	5	2.4	0.3	0.2	(Z)	1,067	450	30.00	2.81	...	...	...	...	...	...	...	...
Area 3	663	11.2	100.0	100.0	100.0	279	788,209	8.95	3.21	...	...	...	...	...	...	...	...
All crop farms	419	24.2	63.2	74.2	63.2	327	571,580	10.28	3.14	...	...	...	...	...	...	...	...
All livestock farms	199	4.8	30.0	17.4	29.0	167	145,903	5.71	3.42	...	...	...	...	...	...	...	...
General crop and livestock farms	44	23.2	6.6	8.4	7.8	299	70,426	10.26	3.44	...	...	...	...	...	...	...	...
All other farms	1	8.3	0.2	0.1	(Z)	457	300	8.57	1.88	...	...	...	...	...	...	...	...
Area 4	2,281	5.0	100.0	100.0	100.0	164	2,084,644	6.78	4.15	6	(Z)	100.0	100.0	100.0	3,273	1,380	6.27
All crop farms	1,891	5.5	82.9	82.4	83.3	162	1,727,621	6.75	4.17	6	(Z)	100.0	100.0	100.0	3,273	1,380	6.27
All livestock farms	151	1.3	6.6	4.9	5.3	151	116,746	7.13	4.73	...	...	...	...	...	...	...	...
General crop and livestock farms	234	13.2	10.3	12.7	11.4	183	239,827	6.85	3.75	...	...	...	...	...	...	...	...
All other farms	5	100.0	0.2	(Z)	(Z)	2,000	450	90.00	4.50	...	...	...	...	...	...	...	...
Area 5	1,421	2.6	100.0	100.0	100.0	277	1,044,656	9.39	3.39	6	(Z)	100.0	100.0	100.0	2,000	300	6.00
All crop farms	1,234	2.3	86.8	78.7	85.7	254	895,601	9.40	3.70	6	(Z)	100.0	100.0	100.0	2,000	300	6.00
All livestock farms	48	2.0	3.4	1.7	1.7	265	15,417	8.04	3.03	...	...	...	...	...	...	...	...
General crop and livestock farms	139	16.0	9.8	19.6	12.6	431	133,638	9.53	2.21	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 6a	1,340	2.0	100.0	100.0	100.0	120	386,340	3.62	3.00	...	...	...	...	...	...	...	...
All crop farms	882	1.9	65.8	57.1	65.0	106	219,301	3.16	2.99	...	...	...	...	...	...	...	...
All livestock farms	262	2.2	19.6	25.2	21.6	141	108,785	4.71	3.35	...	...	...	...	...	...	...	...
General crop and livestock farms	176	3.5	13.1	16.8	13.3	152	51,219	3.61	2.38	...	...	...	...	...	...	...	...
All other farms	20	3.4	1.5	0.9	0.1	2,000	7,035	117.25	5.86	...	...	...	...	...	...	...	...
Area 6b	479	3.9	100.0	100.0	100.0	148	124,520	3.92	2.65	1	0.1	100.0	100.0	100.0	2,143	2,587	3.70
All crop farms	166	4.4	34.7	34.3	33.7	151	36,531	3.42	2.26	...	...	...	...	...	...	...	...
All livestock farms	222	3.8	46.3	56.2	56.7	147	76,714	4.26	2.90	1	0.1	100.0	100.0	100.0	2,143	2,587	3.70
General crop and livestock farms	91	3.5	19.0	9.5	9.6	147	11,275	3.69	2.52	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Area 7a	3,537	21.8	100.0	100.0	100.0	138	781,990	3.55	2.57	25	(Z)	100.0	100.0	100.0	736	1,010	2.32
All crop farms	1,049	37.9	29.7	30.5	34.3	123	250,381	3.32	2.70	10	0.1	40.0	84.4	50.6	1,227	595	2.70
All livestock farms	1,914	15.9	54.1	52.8	49.7	147	413,557	3.78	2.57	15	(Z)	60.0	15.6	49.4	233	415	1.93
General crop and livestock farms	548	28.8	15.5	16.4	15.8	143	115,142	3.30	2.31	...	...	...	...	...	...	...	...
All other farms	26	16.1	0.7	0.3	0.3	139	2,910	5.20	3.73	...	...	...	...	...	...	...	...
Areas 7b and B	1,626	10.7	100.0	100.0	100.0	168	384,967	4.85	2.89	31	0.1	100.0	100.0	100.0	1,704	2,665	4.81
All crop farms	437	9.5	26.9	28.1	32.7	144	114,382	4.42	3.06	5	(Z)	16.1	1.1	9.0	200	25	0.50
All livestock farms	822	11.7	50.6	54.5	49.3	186	209,524	5.36	2.89	21	0.1	67.7	96.8	89.2	1,850	2,560	5.18
General crop and livestock farms	337	9.8	20.7	14.3	15.9	151	51,141	4.06	2.68	5	(Z)	16.1	2.1	1.8	2,000	80	8.00
All other farms	30	43.6	1.8	3.2	2.1	248	9,920	5.85	2.36	...	...	...	...	...	...	...	...
Area 7c	730	4.4	100.0	100.0	100.0	124	116,081	3.84	3.09	5	(Z)	100.0	100.0	100.0	267	225	3.00
All crop farms	58	3.1	7.9	9.4	8.9	131	12,335	4.58	3.50	...	...	...	...	...	...	...	...
All livestock farms	599	4.9	82.1	81.7	81.1	125	93,458	3.81	3.04	...	...	...	...	...	...	...	...
General crop and livestock farms	68	3.0	9.3	8.9	10.0	111	10,238	3.38	3.05	5	0.1	100.0	100.0	100.0	267	225	3.00
All other farms	5	2.0	0.7	0.1	(Z)	400	50	10.00	2.50	...	...	...	...	...	...	...	...
Areas 8, C, D, and E	9,369	9.5	100.0	100.0	100.0	187	2,291,227	4.91	2.63	173	0.1	100.0	100.0	100.0	1,235	20,554	3.53
All crop farms	5,764	8.0	61.5	54.4	55.6	183	1,254,983	4.84	2.65	90	0.1	52.0	29.3	35.3	1,023	6,105	2.96
All livestock farms	2,371	13.7	25.3	32.0	31.6	189	748,028	5.08	2.69	72	0.3	41.6	64.5	61.2	1,300	13,699	3.84
General crop and livestock farms	1,183	10.3	12.6	13.2	12.6	195	276,502	4.69	2.41	11	(Z)	6.4	6.2	3.4	2,250	750	3.75
All other farms	51	13.7	0.5	0.5	0.2	467	11,714	13.16	2.82	...	...	...	...	...	...	...	...
Area 9	4,686	27.2	100.0	100.0	100.0	215	1,500,278	5.68	2.65	71	0.5	100.0	100.0	100.0	1,178	12,542	2.62
All crop farms	2,008	29.1	42.9	37.8	41.7	195	565,748	5.14	2.64	9	0.1	12.7	12.1	4.4	3,238	1,775	8.45
All livestock farms	1,916	24.0	40.9	48.8	45.7	229	736,072	6.10	2.66	55	0.9	77.5	84.7	93.2	1,070	10,172	2.28
General crop and livestock farms	751	37.7	16.0	13.3	12.6	227	197,132	5.93	2.61	6	0.1	8.5	1.2	1.3	1,167	255	4.25
All other farms	11	20.8	0.2	0.1	(Z)	420	1,326	13.26	3.16	1	11.9	1.4	2.0	1.2	2,000	340	5.96

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Texas—Continued																	
Area 10	4,615	19.1	100.0	100.0	100.0	201	829,989	5.17	2.58	37	(Z)	100.0	100.0	100.0	937	1,492	3.78
All crop farms	1,557	15.9	33.7	34.8	33.5	208	279,991	5.20	2.50	5	(Z)	13.5	8.1	3.8	2,000	140	9.33
All livestock farms	1,639	20.9	35.5	41.3	41.6	199	368,784	5.53	2.77	7	(Z)	18.9	48.6	24.1	1,895	322	3.39
General crop and livestock farms	1,412	21.8	30.6	23.9	24.9	193	180,810	4.53	2.35	25	0.2	67.6	43.2	72.2	561	1,030	3.61
All other farms	7	5.7	0.2	0.1	(Z)	256	404	5.18	2.02	...	...	...	...	...	...	...	...
Areas 11 and F	3,670	10.8	100.0	100.0	100.0	147	1,125,579	4.42	3.00	11	(Z)	100.0	100.0	100.0	959	227	1.88
All crop farms	1,193	7.8	32.5	32.1	33.0	143	391,017	4.65	3.25	5	(Z)	45.5	86.2	49.6	1,667	170	2.83
All livestock farms	1,615	11.9	44.0	46.1	44.9	151	500,544	4.38	2.90	5	(Z)	45.5	8.6	45.5	182	45	0.82
General crop and livestock farms	812	17.9	22.1	21.3	22.0	143	228,648	4.08	2.86	1	(Z)	9.1	5.2	5.0	1,000	12	2.00
All other farms	50	25.9	1.4	0.5	0.1	702	5,370	18.84	2.68	...	...	...	...	...	...	...	...
Area 12	14,344	32.8	100.0	100.0	100.0	265	4,150,200	6.44	2.43	529	0.9	100.0	100.0	100.0	2,045	102,603	5.52
All crop farms	6,332	40.3	44.1	38.8	39.4	261	1,630,409	6.43	2.47	75	0.3	14.2	7.9	10.1	1,594	8,050	4.28
All livestock farms	5,706	27.3	39.8	44.8	45.0	263	1,849,474	6.38	2.42	398	1.4	75.2	85.3	82.8	2,107	88,693	5.76
General crop and livestock farms	1,837	39.1	12.8	12.6	12.7	264	503,476	6.17	2.34	44	0.4	8.3	3.1	4.5	1,422	2,388	2.88
All other farms	469	30.2	3.3	3.9	2.9	346	166,841	8.80	2.54	12	0.8	2.3	3.7	2.6	2,901	3,472	7.14
Area 13	2,509	28.5	100.0	100.0	100.0	249	602,220	6.62	2.66	171	1.1	100.0	100.0	100.0	2,152	19,486	5.67
All crop farms	1,172	39.0	46.7	44.6	48.5	229	264,797	6.00	2.62	36	0.6	21.1	15.0	18.2	1,776	2,300	3.68
All livestock farms	1,116	23.4	44.5	48.9	46.2	263	299,907	7.13	2.71	123	1.5	71.9	80.1	76.6	2,251	16,576	6.29
General crop and livestock farms	132	24.5	5.3	3.6	3.0	290	21,013	7.57	2.61	10	1.2	5.8	4.1	4.1	2,143	490	3.50
All other farms	89	13.2	3.5	3.0	2.3	326	16,503	8.00	2.46	2	0.3	1.2	0.8	1.2	1,500	120	3.00
Areas 14, G, and H	6,243	32.5	100.0	100.0	100.0	220	6,984,178	8.35	3.80	136	0.2	100.0	100.0	100.0	1,998	30,822	5.51
All crop farms	4,044	40.2	64.8	84.5	85.6	217	6,091,031	8.51	3.92	52	0.1	38.2	29.8	40.4	1,473	10,170	4.50
All livestock farms	1,593	13.4	25.5	12.2	11.2	239	689,387	7.33	3.07	63	0.4	46.3	63.8	52.8	2,412	19,010	6.43
General crop and livestock farms	484	33.0	7.8	3.0	3.0	225	187,375	7.52	3.34	15	0.4	11.0	5.5	5.4	2,033	1,150	3.83
All other farms	122	12.2	2.0	0.3	0.2	288	16,385	8.74	3.03	6	0.5	4.4	1.0	1.4	1,375	492	6.15
Area 15	3,145	24.2	100.0	100.0	100.0	263	2,685,654	10.01	3.81	21	0.1	100.0	100.0	100.0	1,610	6,690	6.37
All crop farms	2,896	24.2	92.1	88.6	88.4	263	2,372,475	10.00	3.79	21	0.1	100.0	100.0	100.0	1,610	6,690	6.37
All livestock farms	120	14.8	3.8	3.1	5.6	146	77,724	5.18	3.55	...	...	...	...	...	...	...	...
General crop and livestock farms	92	57.2	2.9	7.4	5.4	361	215,645	14.96	4.14	...	...	...	...	...	...	...	...
All other farms	37	57.5	1.2	0.9	0.6	391	19,810	12.51	3.20	...	...	...	...	...	...	...	...
Utah, total	5,650	7.4	100.0	100.0	100.0	258	1,514,992	9.45	3.66	41	(Z)	100.0	100.0	100.0	1,049	773	2.01
All crop farms	1,372	5.9	24.3	27.9	24.1	298	457,184	11.82	3.97	5	(Z)	12.2	2.5	2.6	1,000	20	2.00
All livestock farms	2,851	6.8	50.5	43.9	48.8	232	632,041	8.07	3.49	26	(Z)	63.4	35.6	61.0	613	353	1.50
General crop and livestock farms	1,361	12.3	24.1	25.6	26.7	247	401,032	9.38	3.79	10	(Z)	24.4	61.9	36.4	1,786	400	2.86
All other farms	66	33.6	1.2	2.7	0.4	1,698	24,735	37.76	2.22	...	...	...	...	...	...	...	...
Area 1	2,094	7.1	100.0	100.0	100.0	219	569,955	8.52	3.89	11	(Z)	100.0	100.0	100.0	1,588	333	2.08
All crop farms	411	4.9	19.6	27.3	25.7	233	163,659	9.51	4.09	...	...	...	...	...	...	...	...
All livestock farms	1,195	7.3	57.1	49.6	51.6	210	264,787	7.67	3.64	6	(Z)	54.5	5.5	31.3	280	33	0.66
General crop and livestock farms	483	13.9	23.1	23.0	22.6	223	141,009	9.31	4.17	5	0.1	45.5	94.5	68.8	2,182	300	2.73
All other farms	5	1.7	0.2	0.1	(Z)	500	500	25.00	5.00	...	...	...	...	...	...	...	...
Areas 2 and A	2,154	15.3	100.0	100.0	100.0	307	562,692	11.11	3.62	25	(Z)	100.0	100.0	100.0	759	255	1.76
All crop farms	775	14.2	36.0	29.6	26.6	341	178,680	13.24	3.88	5	(Z)	20.0	9.1	6.9	1,000	20	2.00
All livestock farms	787	12.1	36.5	35.3	38.8	278	193,512	9.83	3.53	15	0.1	60.0	81.8	72.4	857	135	1.29
General crop and livestock farms	531	22.9	24.7	28.0	33.3	258	166,265	9.86	3.82	5	(Z)	20.0	9.1	20.7	333	100	3.33
All other farms	61	78.9	2.8	7.1	1.3	1,735	24,235	38.17	2.20	...	...	...	...	...	...	...	...
Area 3	1,402	4.8	100.0	100.0	100.0	260	382,345	8.94	3.43	5	(Z)	100.0	100.0	100.0	500	185	2.31
All crop farms	186	3.8	13.3	26.2	18.7	366	114,845	14.39	3.93	...	...	...	...	...	...	...	...
All livestock farms	869	4.7	62.0	48.3	56.2	224	173,742	7.22	3.23	5	(Z)	100.0	100.0	100.0	500	185	2.31
General crop and livestock farms	347	6.5	24.8	25.5	25.1	264	93,758	8.73	3.30	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vermont, total	7,498	19.7	100.0	100.0	100.0	431	2,129,877	10.38	2.41	4,114	5.3	100.0	100.0	100.0	2,334	298,552	5.42
All crop farms	180	61.0	2.4	10.2	5.0	882	238,135	23.18	2.63	38	3.8	0.9	1.1	1.2	2,281	3,196	4.99
All livestock farms	6,988	19.3	93.2	86.7	92.0	406	1,819,595	9.64	2.37	3,932	5.4	95.6	94.3	94.9	2,318	281,453	5.38
General crop and livestock farms	179	15.2	2.4	2.3	2.3	431	49,597	10.61	2.46	97	5.3	2.4	3.9	3.0	3,069	11,210	6.89
All other farms	151	9.8	2.0	0.8	0.8	448	22,550	14.46	3.23	47	3.4	1.1	0.7	1.0	1,688	2,693	5.00
Area 1	3,403	18.9	100.0	100.0	100.0	410	967,314	9.73	2.37	1,852	5.1	100.0	100.0	100.0	2,174	123,146	4.57
All crop farms	57	51.0	1.7	6.8	2.9	970	70,700	24.66	2.54	11	2.5	0.6	0.4	0.5	1,643	460	3.29
All livestock farms	3,298	18.7	96.9	92.1	95.8	394	883,445	9.28	2.35	1,826	5.3	98.6	98.9	99.1	2,169	121,866	4.56
General crop and livestock farms	41	13.8	1.2	1.0	1.2	347	12,230	10.15	2.93	10	1.0	0.5	0.6	0.3	4,471	710	8.35
All other farms	7	2.7	0.2	0.1	0.1	338	939	12.19	3.61	5	0.4	0.3	(Z)	(Z)	1,000	110	11.00
Area 2	4,095	20.6	100.0	100.0	100.0	450	1,162,563	10.98	2.44	2,262	5.5	100.0	100.0	100.0	2,488	175,406	6.23
All crop farms	123	66.0	3.0	13.2	7.0	848	167,435	22.61	2.67	27	4.5	1.2	1.8	1.8	2,460	2,736	5.47
All livestock farms	3,690	20.0	90.1	82.0	88.3	418	936,150	10.01	2.40	2,106	5.5	93.1	90.4	90.9	2,474	159,587	6.24
General crop and livestock farms	138	15.8	3.4	3.4	3.3	460	37,367	10.77	2.34	87	7.0	3.8	6.6	5.5	2,992	10,500	6.81
All other farms	144	11.3	3.5	1.4	1.4	453	21,611	14.58	3.22	42	4.0	1.9	1.3	1.9	1,701	2,583	4.88
Virginia, total	63,274	45.7	100.0	100.0	100.0	553	26,399,651	12.56	2.27	14,082	6.3	100.0	100.0	100.0	2,725	1,849,893	6.38
All crop farms	35,422	55.4	56.0	49.6	43.3	683	13,384,145	14.69	2.32	4,674	4.5	33.2	18.6	25.3	2,004	463,268	6.30
All livestock farms	20,494	38.8	32.4	37.7	43.2	483	9,653,756	10.64	2.20	7,351	7.7	52.2	69.1	62.0	3,037	1,134,038	6.31
General crop and livestock farms	6,374	46.8	10.1	11.2	11.8	527	2,962,940	11.96	2.27	1,835	6.1	13.0	10.6	11.1	2,597	217,800	6.76
All other farms	984	43.3	1.6	1.5	1.7	498	398,810	11.24	2.26	222	5.3	1.6	1.7	1.5	2,987	34,787	7.95

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Virginia—Continued																	
Area 1	2,085	27.2	100.0	100.0	100.0	435	328,627	10.00	2.30	184	2.4	100.0	100.0	100.0	3,169	16,384	5.63
All crop farms	1,355	34.0	65.0	45.4	36.3	545	148,834	12.48	2.29	35	1.0	19.0	8.6	11.8	2,290	1,365	3.96
All livestock farms	534	25.4	25.6	47.4	56.5	365	156,210	8.41	2.31	113	3.1	61.4	76.2	78.2	3,089	12,675	5.57
General crop and livestock farms	181	18.9	8.7	7.0	7.0	438	22,905	10.02	2.29	36	2.4	19.6	15.2	10.0	4,841	2,344	8.08
All other farms	15	21.1	0.7	0.2	0.3	280	678	6.78	2.42	...	...	...	...	...	...	...	...
Area 2	9,035	37.8	100.0	100.0	100.0	443	1,808,002	10.46	2.36	1,692	6.3	100.0	100.0	100.0	4,493	200,630	7.00
All crop farms	4,162	44.4	46.1	27.8	24.5	503	501,340	11.83	2.35	201	1.4	11.9	4.5	4.7	4,361	9,740	7.30
All livestock farms	3,831	36.3	42.4	61.1	63.1	429	1,100,202	10.09	2.35	1,247	8.3	73.7	87.8	87.2	4,527	173,436	6.95
General crop and livestock farms	970	34.6	10.7	10.5	11.4	409	196,730	9.99	2.44	223	3.7	13.2	6.8	7.3	4,237	14,594	7.01
All other farms	72	41.8	0.8	0.6	1.0	251	9,730	5.57	2.22	21	6.3	1.2	0.8	0.9	3,992	2,860	10.87
Areas 3 and A	3,737	28.8	100.0	100.0	100.0	493	1,106,914	10.70	2.17	1,349	6.1	100.0	100.0	100.0	3,125	119,303	5.44
All crop farms	205	40.4	5.5	5.4	6.8	389	65,453	9.26	2.38	30	0.7	2.2	0.6	0.6	3,231	585	4.50
All livestock farms	3,050	28.5	81.6	83.4	81.4	506	921,697	10.94	2.16	1,137	6.4	84.3	85.4	86.5	3,086	101,201	5.33
General crop and livestock farms	408	28.6	10.9	10.0	10.8	454	106,704	9.53	2.10	157	6.8	11.6	13.3	12.1	3,432	16,407	6.18
All other farms	74	15.6	2.0	1.2	1.0	612	13,060	12.94	2.11	25	2.9	1.9	0.7	0.8	2,649	1,110	6.00
Area 4	4,750	38.5	100.0	100.0	100.0	410	1,754,687	8.88	2.16	1,136	4.3	100.0	100.0	100.0	3,243	115,409	5.19
All crop farms	446	53.4	9.4	17.4	19.2	372	349,376	9.22	2.48	70	3.0	6.2	9.5	9.4	3,260	9,282	4.43
All livestock farms	3,666	35.5	77.2	70.3	68.0	424	1,199,076	8.43	2.11	919	4.5	80.9	78.6	77.0	3,310	93,777	5.47
General crop and livestock farms	616	39.2	13.0	11.3	12.2	380	189,945	7.85	2.07	145	4.8	12.8	11.6	13.2	2,833	12,005	4.08
All other farms	22	57.1	0.5	1.0	0.6	693	16,290	13.58	1.96	2	3.3	0.2	0.3	0.3	3,429	345	4.93
Areas 5 and B	4,678	37.4	100.0	100.0	100.0	464	2,992,171	10.20	2.20	2,162	10.5	100.0	100.0	100.0	2,694	495,863	6.02
All crop farms	385	46.2	8.2	9.0	9.7	433	285,864	10.04	2.32	132	7.7	6.1	5.6	5.8	2,614	25,509	5.38
All livestock farms	3,626	36.5	77.5	81.4	80.1	471	2,405,691	10.23	2.17	1,765	11.1	81.6	87.0	87.1	2,691	429,252	5.98
General crop and livestock farms	560	38.6	12.0	7.8	8.6	420	243,033	9.67	2.30	227	7.5	10.5	5.9	5.9	2,668	33,021	6.77
All other farms	107	35.9	2.3	1.8	1.6	509	57,583	11.99	2.36	38	7.4	1.8	1.5	1.2	3,378	8,081	8.21
Areas 6 and C	8,897	44.2	100.0	100.0	100.0	487	3,064,989	10.89	2.24	2,223	5.4	100.0	100.0	100.0	2,918	252,653	7.34
All crop farms	4,685	47.0	52.7	37.2	35.4	511	1,162,320	11.67	2.28	792	4.7	35.6	22.6	29.2	2,259	60,375	6.01
All livestock farms	2,632	43.6	29.6	45.7	46.7	476	1,381,180	10.51	2.21	1,004	6.1	45.2	58.8	53.6	3,203	146,836	7.96
General crop and livestock farms	1,395	41.8	15.7	15.2	15.7	472	458,610	10.39	2.20	394	5.0	17.7	16.4	15.3	3,120	40,613	7.69
All other farms	185	34.6	2.1	1.8	2.2	409	62,879	10.23	2.50	33	3.8	1.5	2.2	1.9	3,362	4,829	7.20
Area 7	18,742	44.9	100.0	100.0	100.0	628	5,382,336	15.34	2.44	1,942	3.0	100.0	100.0	100.0	2,537	160,458	7.05
All crop farms	16,773	45.5	89.5	80.0	74.6	674	4,385,414	16.76	2.49	1,292	1.8	66.5	46.5	45.6	2,590	79,296	7.64
All livestock farms	1,168	44.2	6.2	13.4	16.8	500	660,862	11.21	2.24	472	7.5	24.3	42.2	43.9	2,436	63,847	6.38
General crop and livestock farms	525	42.7	2.8	4.9	6.1	508	250,702	11.67	2.30	133	3.3	6.8	8.1	7.4	2,792	12,218	7.29
All other farms	276	40.1	1.5	1.7	2.5	424	85,358	9.68	2.29	45	3.2	2.3	3.2	3.1	2,577	5,097	7.18
Areas 8 and 9	3,861	63.0	100.0	100.0	100.0	465	2,409,668	10.34	2.22	1,517	9.5	100.0	100.0	100.0	1,789	225,381	6.41
All crop farms	1,922	64.9	49.8	48.9	51.0	446	1,168,709	9.82	2.20	730	9.4	48.1	43.6	49.2	1,585	101,262	5.86
All livestock farms	1,075	58.6	27.8	33.4	30.9	503	792,848	11.01	2.19	503	9.1	33.2	36.9	31.8	2,079	75,768	6.78
General crop and livestock farms	734	65.6	19.0	15.6	16.0	452	393,991	10.54	2.33	253	10.9	16.7	17.7	17.6	1,794	44,566	7.20
All other farms	130	69.5	3.4	2.1	2.0	476	54,120	11.39	2.39	31	7.4	2.0	1.8	1.4	2,277	3,785	7.50
Area 10	5,723	79.6	100.0	100.0	100.0	676	4,578,822	15.66	2.32	1,209	4.9	100.0	100.0	100.0	1,433	108,616	6.06
All crop farms	4,292	79.0	75.0	67.3	69.3	656	3,075,124	15.19	2.32	927	4.8	76.7	60.1	68.5	1,258	68,584	5.59
All livestock farms	673	79.8	11.8	17.0	15.3	753	767,111	17.20	2.28	108	4.3	8.9	15.9	13.3	1,709	14,276	5.99
General crop and livestock farms	696	82.4	12.2	14.9	14.9	676	701,180	16.07	2.38	163	5.6	13.5	21.8	16.6	1,884	23,731	7.98
All other farms	62	82.6	1.1	0.8	0.6	976	35,407	21.87	2.24	11	14.9	0.9	2.2	1.6	1,945	2,025	6.91
Areas 11 and D	1,766	70.1	100.0	100.0	100.0	977	2,973,435	20.67	2.12	668	10.5	100.0	100.0	100.0	1,984	155,196	7.22
All crop farms	1,197	72.9	67.8	75.9	70.0	1,060	2,241,711	22.26	2.10	465	10.8	69.6	67.0	69.2	1,922	107,270	7.21
All livestock farms	239	61.2	13.5	8.6	13.3	628	268,879	14.02	2.23	83	8.5	12.4	15.7	12.3	2,528	22,970	8.67
General crop and livestock farms	289	64.6	16.4	13.2	13.0	994	399,140	21.36	2.15	104	11.3	15.6	12.2	15.2	1,584	18,301	5.58
All other farms	41	76.3	2.3	2.3	3.7	607	63,705	12.02	1.98	16	10.0	2.4	5.1	3.2	3,108	6,655	9.58
Washington, total	19,003	23.2	100.0	100.0	100.0	174	13,924,448	7.94	4.57	1,223	0.3	100.0	100.0	100.0	2,377	276,943	11.78
All crop farms	11,562	24.3	60.8	74.7	84.1	154	11,083,729	7.52	4.87	231	0.1	18.9	19.2	17.3	2,636	56,010	13.77
All livestock farms	5,339	16.0	28.1	15.0	10.3	253	1,598,124	8.82	3.49	889	1.5	72.7	62.6	72.0	2,066	171,419	10.13
General crop and livestock farms	1,520	27.1	8.0	9.0	5.2	298	1,095,992	11.94	4.01	36	0.6	2.9	15.8	8.3	4,512	42,770	21.88
All other farms	582	15.1	3.1	1.2	0.4	563	146,603	21.91	3.89	67	1.3	5.5	2.4	2.4	2,428	6,744	12.02
Area 1	574	11.6	100.0	100.0	100.0	235	86,704	7.54	3.21	61	0.5	100.0	100.0	100.0	1,465	3,555	7.04
All crop farms	151	27.4	26.3	10.2	7.3	329	10,025	11.96	3.63	...	...	...	...	...	...	...	...
All livestock farms	355	11.3	61.8	80.3	82.7	228	69,808	7.34	3.22	46	0.4	75.4	82.4	72.3	1,671	2,835	7.77
General crop and livestock farms	40	23.6	7.0	7.6	7.9	226	4,800	5.27	2.33	5	0.1	8.2	2.7	1.0	4,000	100	20.00
All other farms	28	3.2	4.9	1.9	2.1	207	2,071	8.56	4.14	10	1.8	16.4	14.9	26.7	815	620	4.59
Area 2	3,030	33.3	100.0	100.0	100.0	366	1,261,020	13.14	3.59	726	5.5	100.0	100.0	100.0	2,807	214,880	13.63
All crop farms	695	65.0	22.9	34.4	23.2	544	462,265	20.80	3.82	85	7.4	11.7	18.5	16.1	3,210	39,620	15.57
All livestock farms	2,092	27.0	69.0	50.7	62.6	296	609,910	10.15	3.42	595	5.1	82.0	61.7	72.4	2,390	131,425	11.50
General crop and livestock farms	152	46.1	5.0	13.2	13.1	370	163,885	13.04	3.53	26	5.8	3.6	18.3	10.1	5,082	40,920	25.74
All other farms	91	25.2	3.0	1.6	1.1	523	24,960	22.98	4.39	20	4.9	2.8	1.6	1.3	3,381	2,915	13.88
Areas 3, A, and B	1,519	20.6	100.0	100.0	100.0	686	502,850	23.98	3.49	236	2.1	100.0	100.0	100.0	2,486	33,340	15.29
All crop farms	720	62.0	47.4	60.7	37.0	1,128	316,010	40.78	3.61	100	3.9	42.4	22.1	22.2	2,474	9,460	19.51
All livestock farms	507	14.4	33.4	24.9	54.9	311	116,755	10.15	3.26	115	1.9	48.7	69.2	70.4	2,443	21,015	13.69
General crop and livestock farms	25	6.7	1.6	0.8	1.9	292	3,555	9.12	3.12	...	...	...	...	...	...	...	...
All other farms	267	36.3	17.6	13.6	6.3	1,473	66,530	50.21	3.41	21	4.4	8.9	8.7	7.3	2,938	2,865	17.91

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Washington—Continued																	
Areas 4 and C	1,400	17.6	100.0	100.0	100.0	256	343,688	9.17	3.58	151	1.9	100.0	100.0	100.0	1,128	21,914	5.40
All crop farms	344	30.4	24.6	29.4	17.3	437	90,445	13.97	3.20	15	0.9	9.9	12.2	4.6	3,027	3,920	21.19
All livestock farms	852	15.3	60.9	54.9	64.8	218	197,242	8.13	3.74	126	2.2	83.4	70.9	85.8	933	15,994	4.59
General crop and livestock farms	112	19.8	8.0	8.9	11.4	201	29,721	6.94	3.46	5	1.7	3.3	15.7	8.9	2,000	1,750	4.86
All other farms	92	21.0	6.6	6.7	6.5	263	26,280	10.72	4.08	5	0.3	3.3	1.1	0.7	1,667	250	8.33
Area 5a	1,894	18.7	100.0	100.0	100.0	342	611,302	13.58	3.97	30	0.3	100.0	100.0	100.0	843	2,535	3.05
All crop farms	1,724	28.1	91.0	89.5	84.7	361	557,586	14.62	4.05	20	0.5	66.7	94.3	85.5	930	2,360	3.32
All livestock farms	128	6.6	6.8	8.9	13.6	224	44,641	7.28	3.25	5	0.1	16.7	4.3	12.0	300	125	1.25
General crop and livestock farms	31	4.8	1.6	1.1	1.0	391	6,400	14.38	3.68	...	...	...	...	...	...	...	...
All other farms	11	10.1	0.6	0.5	0.7	234	2,675	8.69	3.72	5	0.7	16.7	1.4	2.4	500	50	2.50
Area 5b	435	13.4	100.0	100.0	100.0	154	172,624	5.93	3.84	1	(Z)	100.0	100.0	100.0	2,000	4	4.00
All crop farms	122	25.1	28.0	59.0	58.4	156	108,534	6.38	4.10	...	...	...	...	...	...	...	...
All livestock farms	238	9.2	54.7	34.4	33.9	157	48,795	4.95	3.16	...	...	...	...	...	...	...	...
General crop and livestock farms	66	5.3	15.2	6.1	6.7	141	10,173	5.23	3.71	...	...	...	...	...	...	...	...
All other farms	9	4.4	2.1	0.6	1.0	89	5,122	17.60	19.70	1	(Z)	100.0	100.0	100.0	2,000	4	4.00
Area 6	4,750	25.1	100.0	100.0	100.0	290	3,066,434	11.93	4.12	10	(Z)	100.0	100.0	100.0	2,000	590	9.08
All crop farms	3,211	26.5	67.6	70.3	68.9	296	2,215,896	12.51	4.23	5	(Z)	50.0	92.3	92.3	2,000	550	9.17
All livestock farms	751	16.1	15.8	12.2	12.4	285	311,576	9.77	3.42	...	...	...	...	...	...	...	...
General crop and livestock farms	755	31.5	15.9	17.3	18.5	272	535,925	11.29	4.15	...	...	...	...	...	...	...	...
All other farms	33	9.6	0.7	0.2	0.2	239	3,037	5.86	2.45	5	0.1	50.0	7.7	7.7	2,000	40	8.00
Area 7a	2,023	15.9	100.0	100.0	100.0	132	3,213,734	6.90	5.24	...	...	...	...	...	...	...	...
All crop farms	1,795	15.9	88.7	88.4	96.5	121	2,921,773	6.50	5.39	...	...	...	...	...	...	...	...
All livestock farms	92	8.9	4.5	2.5	1.2	273	68,840	12.44	4.55	...	...	...	...	...	...	...	...
General crop and livestock farms	131	34.8	6.5	8.9	2.3	514	218,821	20.54	4.00	...	...	...	...	...	...	...	...
All other farms	5	23.6	0.2	0.2	0.1	308	4,300	13.23	4.30	...	...	...	...	...	...	...	...
Areas 7b and D	3,378	32.1	100.0	100.0	100.0	110	4,666,092	5.90	5.36	8	(Z)	100.0	100.0	100.0	168	125	1.32
All crop farms	2,800	33.0	82.9	92.7	95.5	107	4,401,195	5.83	5.45	6	(Z)	75.0	75.0	86.3	146	100	1.22
All livestock farms	324	17.7	9.6	3.9	2.8	154	130,557	5.84	3.80	2	(Z)	25.0	25.0	13.7	308	25	1.92
General crop and livestock farms	208	25.0	6.2	3.1	1.7	204	122,712	9.35	4.59	...	...	...	...	...	...	...	...
All other farms	46	17.5	1.4	0.3	(Z)	1,572	11,628	80.19	5.10	...	...	...	...	...	...	...	...
West Virginia, total	13,865	20.3	100.0	100.0	100.0	371	2,393,180	8.80	2.38	5,304	5.3	100.0	100.0	100.0	3,612	466,180	6.57
All crop farms	2,084	29.6	15.0	16.1	16.6	360	444,538	9.85	2.74	365	3.7	6.9	6.8	7.9	3,107	32,057	5.75
All livestock farms	10,088	19.1	72.8	74.6	73.9	374	1,720,038	8.56	2.29	4,327	5.6	81.6	84.7	83.3	3,674	394,170	6.67
General crop and livestock farms	1,435	20.3	10.3	8.5	8.7	364	207,103	8.78	2.41	557	5.1	10.5	7.9	8.4	3,407	37,360	6.28
All other farms	258	12.1	1.9	0.8	0.8	378	21,501	10.17	2.69	55	1.9	1.0	0.6	0.5	4,761	2,593	7.95
Areas 1 and A	1,233	14.2	100.0	100.0	100.0	396	206,067	9.82	2.48	804	6.5	100.0	100.0	100.0	3,539	70,948	7.44
All crop farms	80	28.4	6.5	9.3	9.1	403	19,685	10.31	2.56	30	8.3	3.7	2.6	5.9	1,589	3,730	6.66
All livestock farms	1,028	13.9	83.4	81.7	83.3	388	165,827	9.49	2.44	708	6.3	88.1	88.0	83.4	3,731	60,110	7.55
General crop and livestock farms	110	11.8	8.9	8.6	7.3	468	17,705	11.61	2.48	65	7.9	8.1	9.3	10.6	3,094	7,040	6.94
All other farms	15	3.0	1.2	0.5	0.4	533	2,850	38.00	7.13	1	0.2	0.1	0.1	0.1	6,000	68	13.60
Areas 2a and B	2,187	18.8	100.0	100.0	100.0	372	349,093	9.69	2.61	591	4.1	100.0	100.0	100.0	3,565	56,170	7.13
All crop farms	1,064	15.2	48.7	25.9	22.5	429	101,021	12.47	2.91	138	3.3	23.4	19.4	22.7	3,044	9,872	5.52
All livestock farms	852	21.9	39.0	64.0	69.4	343	215,262	8.61	2.51	367	4.8	62.1	70.9	69.6	3,635	43,512	7.94
General crop and livestock farms	249	12.1	11.4	9.5	7.9	450	31,115	10.96	2.43	85	2.5	14.4	9.3	7.4	4,483	2,720	4.69
All other farms	22	9.2	1.0	0.5	0.2	933	1,695	22.60	2.42	1	3.7	0.2	0.4	0.4	4,000	66	2.20
Area 2b	2,401	10.9	100.0	100.0	100.0	402	254,407	9.22	2.29	983	4.8	100.0	100.0	100.0	3,292	76,012	6.30
All crop farms	172	8.5	7.2	5.0	4.8	417	13,800	10.35	2.48	45	1.6	4.6	2.4	2.1	3,760	1,670	6.68
All livestock farms	1,925	10.9	80.2	83.5	83.2	404	209,162	9.11	2.25	831	4.9	84.5	88.1	86.1	3,369	66,593	6.41
General crop and livestock farms	281	14.4	11.7	10.9	10.9	403	30,300	10.04	2.49	105	6.7	10.7	9.4	11.6	2,655	7,680	5.47
All other farms	23	5.2	1.0	0.5	1.0	196	1,145	4.02	2.04	2	0.4	0.2	0.1	0.2	2,476	69	3.29
Area 3	1,671	16.2	100.0	100.0	100.0	410	269,541	9.95	2.43	779	5.9	100.0	100.0	100.0	3,422	68,161	6.94
All crop farms	85	17.1	5.1	7.0	4.5	643	20,635	17.05	2.65	30	8.7	3.9	5.2	6.3	2,862	3,180	5.17
All livestock farms	1,406	15.8	84.1	85.8	86.3	408	228,721	9.79	2.40	689	5.9	88.4	90.0	89.2	3,454	62,256	7.10
General crop and livestock farms	155	22.7	9.3	6.6	8.6	317	18,530	7.97	2.52	55	4.2	7.1	4.5	4.4	3,517	2,605	5.99
All other farms	25	13.3	1.5	0.6	0.7	357	1,655	8.95	2.51	5	0.7	0.6	0.2	0.1	6,000	120	12.00
Areas 4 and C	859	17.3	100.0	100.0	100.0	372	83,179	9.36	2.51	238	6.5	100.0	100.0	100.0	3,101	15,421	4.64
All crop farms	175	21.3	20.4	17.2	15.9	403	13,875	9.81	2.43	20	5.9	8.4	10.2	11.7	2,692	1,370	3.51
All livestock farms	582	16.7	67.8	73.7	74.3	369	59,704	9.04	2.45	192	5.6	80.7	72.3	67.1	3,341	10,980	4.92
General crop and livestock farms	67	18.9	7.8	6.7	8.3	300	7,415	10.10	3.37	21	18.0	8.8	17.4	21.0	2,568	3,011	4.32
All other farms	35	10.0	4.1	2.4	1.5	615	2,185	16.81	2.73	5	0.4	2.1	0.1	0.2	2,000	60	12.00
Area 5	4,440	24.0	100.0	100.0	100.0	376	789,842	8.76	2.33	1,623	5.8	100.0	100.0	100.0	3,915	140,313	6.46
All crop farms	281	44.9	6.3	12.0	12.4	366	114,935	10.30	2.81	56	2.5	3.5	2.7	2.8	3,770	4,375	7.09
All livestock farms	3,575	22.3	80.5	78.8	77.9	380	603,118	8.58	2.26	1,331	6.2	82.0	88.5	89.6	3,868	121,869	6.27
General crop and livestock farms	451	26.0	10.2	7.7	8.2	357	59,943	8.14	2.28	195	4.9	12.0	7.3	6.4	4,431	11,859	8.51
All other farms	133	22.4	3.0	1.4	1.5	355	11,846	8.68	2.45	41	4.2	2.5	1.5	1.2	5,020	2,210	8.67
Area 6	1,074	39.3	100.0	100.0	100.0	321	441,051	7.22	2.25	286	4.2	100.0	100.0	100.0	3,901	39,155	5.96
All crop farms	227	52.5	21.1	30.7	32.7	300	160,587	8.03	2.67	46	3.6	16.1	19.2	20.6	3,624	7,860	5.80
All livestock farms	720	34.9	67.0	60.1	57.8	334	238,244	6.75	2.02	209	4.7	73.1	75.7	72.9	4,052	28,850	6.03
General crop and livestock farms	122	35.8	11.4	9.2	9.5	312	42,095	7.29	2.34	31	2.6	10.8	5.1	6.5	3,082	2,445	5.75
All other farms	5	...	0.5	(Z)	...	...	125	...	3.12	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Wisconsin, total	99,098	30.7	100.0	100.0	100.0	223	25,242,861	6.64	2.98	34,077	4.1	100.0	100.0	100.0	3,882	2,961,816	5.87
All crop farms	4,947	46.6	5.0	13.2	8.1	364	3,317,587	10.79	2.96	840	2.8	2.5	3.6	3.7	3,778	113,268	6.06
All livestock farms	87,818	29.2	88.6	78.5	83.4	210	19,814,282	6.25	2.98	31,407	4.2	92.2	89.3	89.9	3,856	2,659,088	5.87
General crop and livestock farms	5,928	38.7	6.0	8.1	8.5	213	2,059,142	6.40	3.01	1,773	3.8	5.2	7.0	6.3	4,301	185,524	5.83
All other farms	405	15.6	0.4	0.2	0.1	424	51,850	16.53	3.90	57	2.5	0.2	0.1	0.1	4,312	3,936	7.78
Areas 1 and A	5,763	18.5	100.0	100.0	100.0	360	1,400,907	10.70	2.97	2,428	3.6	100.0	100.0	100.0	4,019	215,203	8.52
All crop farms	325	47.5	5.6	44.2	22.1	721	601,492	20.83	2.89	25	1.1	1.0	1.6	2.7	2,442	3,235	4.77
All livestock farms	5,225	15.9	90.7	53.1	75.0	255	755,238	7.69	3.02	2,320	3.9	95.6	96.2	94.8	4,077	206,955	8.64
General crop and livestock farms	159	14.1	2.8	2.1	2.5	308	31,327	9.73	3.16	46	1.4	1.9	1.1	1.3	3,352	2,487	7.61
All other farms	54	8.9	0.9	0.6	0.5	467	12,850	21.42	4.59	37	4.4	1.5	1.1	1.2	3,689	2,526	8.53
Area 2a	13,715	27.6	100.0	100.0	100.0	189	2,867,039	6.03	3.18	4,904	4.4	100.0	100.0	100.0	4,149	447,165	5.88
All crop farms	341	35.3	2.5	6.3	4.4	268	151,726	7.18	2.68	107	5.8	2.2	4.4	4.6	3,983	29,056	8.35
All livestock farms	12,548	27.1	91.5	85.9	87.3	186	2,476,098	5.96	3.20	4,486	4.4	91.5	88.1	87.5	4,178	387,169	5.82
General crop and livestock farms	806	29.1	5.9	7.8	8.2	179	238,715	6.09	3.39	311	4.5	6.3	7.5	8.0	3,919	30,940	5.10
All other farms	20	8.0	0.1	(Z)	(Z)	133	500	3.70	2.78	...	...	...	...	...	...	...	...
Area 2b	9,235	29.8	100.0	100.0	100.0	217	1,698,105	6.03	2.78	3,665	4.9	100.0	100.0	100.0	3,749	269,411	5.77
All crop farms	303	36.5	3.3	4.4	4.0	241	75,157	6.70	2.79	46	5.0	1.3	2.0	3.3	2,242	4,591	3.00
All livestock farms	8,492	29.1	92.0	88.7	89.2	216	1,504,008	5.99	2.78	3,469	5.0	94.7	91.6	91.8	3,739	248,380	5.79
General crop and livestock farms	435	36.8	4.7	6.8	6.8	217	118,810	6.17	2.85	150	4.4	4.1	6.5	4.9	4,952	16,440	7.18
All other farms	5	16.3	0.1	(Z)	(Z)	100	130	1.62	1.62	...	...	...	...	...	...	...	...
Area 3	9,485	34.3	100.0	100.0	100.0	189	2,430,814	5.70	3.01	2,876	4.8	100.0	100.0	100.0	5,096	352,697	5.95
All crop farms	207	42.5	2.2	2.7	2.5	208	69,949	6.56	3.15	40	3.4	1.4	1.9	1.4	6,671	5,650	6.65
All livestock farms	8,682	33.9	91.5	91.0	91.2	189	2,229,320	5.73	3.03	2,701	4.8	93.9	93.2	93.5	5,078	329,527	5.94
General crop and livestock farms	591	38.3	6.2	6.3	6.3	189	131,370	4.92	2.60	135	4.3	4.7	5.0	5.1	4,995	17,520	5.85
All other farms	5	25.0	0.1	(Z)	(Z)	800	175	35.00	4.38	...	...	...	...	...	...	...	...
Area 4	13,090	26.9	100.0	100.0	100.0	217	2,411,758	6.48	2.98	6,308	6.0	100.0	100.0	100.0	4,210	669,222	8.06
All crop farms	270	37.6	2.1	4.9	3.1	341	111,575	9.65	2.82	82	5.2	1.3	2.4	1.9	5,247	16,945	10.56
All livestock farms	12,606	26.8	96.3	93.2	95.2	213	2,253,503	6.36	2.99	6,140	6.0	97.3	96.1	95.7	4,228	640,982	8.07
General crop and livestock farms	173	24.0	1.3	1.7	1.6	238	42,695	7.26	3.05	81	8.0	1.3	1.5	2.4	2,629	11,195	5.73
All other farms	41	15.1	0.3	0.2	0.1	283	3,985	8.53	3.02	5	0.5	0.1	(Z)	(Z)	1,333	100	6.67
Area 5	6,163	28.9	100.0	100.0	100.0	243	1,733,763	6.96	2.86	2,856	5.1	100.0	100.0	100.0	3,552	249,421	5.73
All crop farms	496	35.6	8.0	21.5	12.1	434	383,402	12.77	2.94	184	4.2	6.4	6.6	8.2	2,867	18,050	5.08
All livestock farms	5,072	27.8	82.3	67.8	76.3	216	1,153,093	6.07	2.81	2,397	5.3	83.9	84.5	82.6	3,630	204,389	5.68
General crop and livestock farms	580	31.1	9.4	10.7	11.6	224	196,183	6.78	3.03	275	4.3	9.6	9.0	9.2	3,451	26,982	6.72
All other farms	15	4.3	0.2	0.1	(Z)	267	1,085	9.04	3.39	...	...	...	...	...	...	...	...
Area 6	8,888	25.8	100.0	100.0	100.0	257	2,018,997	7.52	2.93	2,070	2.4	100.0	100.0	100.0	2,668	130,882	5.22
All crop farms	571	44.0	6.4	14.3	8.5	429	299,783	13.08	3.05	20	0.3	1.0	0.7	0.6	2,968	955	6.16
All livestock farms	8,052	24.4	90.6	80.0	86.6	237	1,606,254	6.91	2.91	2,015	2.6	97.3	96.5	97.3	2,645	126,792	5.20
General crop and livestock farms	255	35.9	2.9	5.7	4.8	303	112,540	8.71	2.87	30	1.4	1.4	2.8	2.0	3,760	3,060	6.12
All other farms	10	0.7	0.1	(Z)	(Z)	1,600	420	42.00	2.62	5	1.0	0.2	(Z)	0.1	667	75	5.00
Area 7	10,272	23.1	100.0	100.0	100.0	218	2,345,071	6.26	2.88	2,984	2.5	100.0	100.0	100.0	1,567	91,607	2.23
All crop farms	400	39.4	3.9	7.2	5.7	276	158,691	7.45	2.70	66	1.6	2.2	2.5	2.1	1,859	2,882	3.28
All livestock farms	9,250	21.9	90.1	84.2	86.4	212	1,977,135	6.12	2.88	2,833	2.7	94.9	91.6	95.6	1,502	84,365	2.15
General crop and livestock farms	562	33.8	5.5	8.3	7.8	231	200,030	6.83	2.96	85	1.1	2.8	5.8	2.3	4,021	4,360	4.66
All other farms	60	65.0	0.6	0.3	0.1	508	9,215	19.82	3.90	...	...	...	...	...	...	...	...
Areas 8 and B	20,007	42.2	100.0	100.0	100.0	212	6,999,293	6.46	3.05	5,609	3.8	100.0	100.0	100.0	4,240	506,763	5.20
All crop farms	1,506	56.0	7.5	13.5	10.8	265	972,178	8.31	3.13	235	2.6	4.2	5.8	5.7	4,367	29,389	5.31
All livestock farms	16,289	39.8	81.4	74.3	76.1	207	5,174,308	6.27	3.04	4,724	3.9	84.2	79.3	82.0	4,103	405,569	5.08
General crop and livestock farms	2,157	49.5	10.8	12.0	13.0	195	844,497	5.97	3.06	645	4.2	11.5	14.6	12.2	5,075	70,605	5.94
All other farms	55	51.7	0.3	0.1	0.1	284	8,310	12.31	4.33	5	13.4	0.1	0.3	0.2	6,000	1,200	6.86
Areas 9 and C	2,480	51.1	100.0	100.0	100.0	331	1,337,114	9.61	2.90	377	2.5	100.0	100.0	100.0	2,107	29,445	4.36
All crop farms	528	61.7	21.3	36.5	23.6	513	493,634	15.04	2.93	35	0.8	9.3	8.0	6.4	2,651	2,515	5.85
All livestock farms	1,602	47.1	64.6	51.5	65.1	262	685,325	7.56	2.89	322	2.8	85.4	86.0	80.6	2,248	24,960	4.58
General crop and livestock farms	210	60.6	8.5	11.0	10.9	337	142,975	9.47	2.81	15	3.5	4.0	5.9	12.9	960	1,935	2.21
All other farms	140	32.8	5.6	0.9	0.4	710	15,180	26.17	3.68	5	0.3	1.3	0.1	0.1	2,000	35	7.00
Wyoming, total	2,169	4.4	100.0	100.0	100.0	194	991,756	8.26	4.25	7	(Z)	100.0	100.0	100.0	1,321	1,958	2.05
All crop farms	807	7.4	37.2	35.0	34.3	198	357,633	8.69	4.39	1	0.1	14.3	47.5	31.4	2,000	1,188	3.96
All livestock farms	833	2.7	38.4	40.9	43.3	184	398,186	7.66	4.17	6	(Z)	85.7	52.5	68.6	1,011	770	1.18
General crop and livestock farms	509	11.0	23.5	24.0	22.4	208	235,037	8.73	4.19	...	...	...	...	...	...	...	...
All other farms	20	0.6	0.9	0.1	(Z)	1,000	900	45.00	4.50	...	...	...	...	...	...	...	...
Area 1	134	0.7	100.0	100.0	100.0	217	40,395	6.72	3.10	...	...	...	...	...	...	...	...
All crop farms	17	1.8	12.7	13.1	10.0	283	3,743	6.24	2.20	...	...	...	...	...	...	...	...
All livestock farms	88	0.6	65.7	65.6	79.9	178	28,790	5.99	3.37	...	...	...	...	...	...	...	...
General crop and livestock farms	19	1.6	14.2	20.6	9.9	449	7,562	12.67	2.82	...	...	...	...	...	...	...	...
All other farms	10	1.4	7.5	0.8	0.2	1,000	300	30.00	3.00	...	...	...	...	...	...	...	...
Area 2a	1,320	12.6	100.0	100.0	100.0	191	642,695	8.22	4.30	5	0.1	100.0	100.0	100.0	1,024	750	1.18
All crop farms	477	23.2	36.1	35.0	33.4	200	224,980	8.62	4.30	...	...	...	...	...	...	...	...
All livestock farms	476	8.4	36.1	38.4	41.1	178	247,402	7.69	4.31	5	0.2	100.0	100.0	100.0	1,204	750	1.18
General crop and livestock farms	367	16.2	27.8	26.5	25.5	199	170,313	8.54	4.30	...	...	...	...	...	...	...	...
All other farms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 6.–USE AND EXPENDITURES FOR FERTILIZER AND LIME OF COMMERCIAL FARMS BY TYPE OF FARM, BY ECONOMIC AREAS: CENSUS OF 1954–Continued

State, economic area, and type of farm	Fertilizer									Lime							
	Farms reporting use of fertilizer	Acres fertilized as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre fertilized (lb.)	Expenditures (dollars)			Farms reporting use of lime	Acres limed as a percent of total cropland plus improved pasture	Percent distribution of—			Quantity used per acre limed (lb.)	Expenditures (dollars)	
			Farms reporting fertilizer	Fertilizer used	Acres fertilized		For fertilizer	Per acre fertilized	Per cwt. of fertilizer used			Farms reporting lime	Lime used	Acres limed		For lime	Per acre limed
Wyoming—Continued																	
Area 2b	715	2.7	100.0	100.0	100.0	198	308,666	8.62	4.36	2	(Z)	100.0	100.0	100.0	1,912	1,208	3.78
All crop farms	313	3.5	43.8	38.8	40.3	190	128,910	8.93	4.69	1	0.1	50.0	98.0	93.8	2,000	1,188	3.96
All livestock farms	269	1.8	37.6	41.6	41.9	197	121,994	8.14	4.14	1	(Z)	50.0	2.0	6.2	600	20	1.00
General crop and livestock farms	123	7.7	17.2	19.4	17.8	216	57,162	8.98	4.16	...	...	...	...	...	...	...	...
All other farms	10	0.6	1.4	0.1	(Z)	1,000	600	60.00	6.00	...	...	...	...	...	...	...	...

Z Less than 0.05.

Table 7.—FARMS REPORTING, ACRES FERTILIZED, AND TONS OF FERTILIZER USED ON FARMS CLASSIFIED BY RATE OF USE PER ACRE, FOR SELECTED CROPS; FOR SELECTED ECONOMIC AREAS: 1954

Crop, economic area, and rate of use per acre	Farms reporting		Acres fertilized		Fertilizer used		
	Number	Percent distribution	Total	Percent distribution	Tons	Average per acre (lb.)	Percent distribution
HAY AND CROPLAND PASTURE							
Economic Areas 1 and 2, New York...	2,403	100.0	50,609	100.0	7,816	309	100.0
Farms using by pounds per acre:							
Under 75	30	1.2	935	1.8	24	51	0.3
75 to 149	217	9.0	6,115	12.1	354	116	4.5
150 to 224	415	17.3	11,030	21.8	1,050	190	13.4
225 to 299	310	12.9	7,947	15.7	1,024	258	13.1
300 to 374	382	15.9	7,279	14.4	1,194	328	15.3
375 to 449	423	17.6	8,537	16.9	1,492	350	19.1
450 to 524	244	10.2	4,265	8.4	1,045	490	13.4
525 to 599	75	3.1	1,335	2.6	368	551	4.7
600 to 674	125	5.2	1,200	2.4	378	630	4.8
675 to 749	15	0.6	160	0.3	56	700	0.7
750 to 824	60	2.5	785	1.6	311	792	4.0
825 and over	107	4.4	1,021	2.0	520	1,019	6.6
Economic Areas 1 and 2, New Jersey.	4,142	100.0	119,625	100.0	28,660	479	100.0
Farms using by pounds per acre:							
Under 75	10	0.2	325	0.3	8	49	(Z)
75 to 149	77	1.8	2,251	1.9	125	111	0.4
150 to 224	236	5.7	6,890	5.8	645	187	2.2
225 to 299	279	6.7	12,617	10.5	1,480	234	5.2
300 to 374	465	11.2	12,300	10.3	2,053	334	7.2
375 to 449	703	17.0	22,500	18.8	4,565	406	15.9
450 to 524	1,068	25.8	30,550	25.5	7,503	491	26.2
525 to 599	237	5.7	9,122	7.6	2,560	561	8.9
600 to 674	349	8.4	8,570	7.2	2,701	630	9.4
675 to 749	71	1.7	2,515	2.1	885	704	3.1
750 to 824	135	3.2	2,455	2.0	959	781	3.3
825 and over	512	12.4	9,530	8.0	5,176	1,086	18.1
Economic Area 7, Ohio	1,401	100.0	26,367	100.0	4,254	323	100.0
Farms using by pounds per acre:							
Under 75	20	1.4	575	2.2	16	56	0.4
75 to 149	106	7.6	2,345	8.9	139	119	3.3
150 to 224	360	25.7	7,943	30.1	777	196	18.3
225 to 299	216	15.4	3,895	14.8	516	265	12.1
300 to 374	202	14.4	4,279	16.2	678	317	15.9
375 to 449	160	11.4	2,610	9.9	536	411	12.6
450 to 524	115	8.2	1,920	7.3	466	485	11.0
525 to 599	30	2.1	790	3.0	224	567	5.3
600 to 674	55	3.9	620	2.4	199	642	4.7
675 to 749	...	...	...	...	...	...	...
750 to 824	45	3.2	350	1.3	138	789	3.2
825 and over	92	6.6	1,040	3.9	565	1,087	13.3
Economic Areas 1 and 3, Illinois...	3,709	100.0	100,045	100.0	26,968	539	100.0
Farms using by pounds per acre:							
Under 75	61	1.6	3,695	3.7	77	42	0.3
75 to 149	262	7.1	7,910	7.9	453	115	1.7
150 to 224	550	14.8	14,585	14.6	1,401	192	5.2
225 to 299	296	8.0	9,641	9.6	1,278	265	4.7
300 to 374	416	11.2	11,480	11.5	1,902	331	7.0
375 to 449	322	8.7	8,779	8.8	1,760	401	6.5
450 to 524	272	7.3	6,980	7.0	1,709	490	6.3
525 to 599	150	4.0	3,480	3.5	960	552	3.4
600 to 674	177	4.8	3,890	3.9	1,238	636	4.6
675 to 749	90	2.4	2,480	2.5	904	729	3.4
750 to 824	146	3.9	3,120	3.1	1,229	788	4.6
825 and over	967	26.1	24,005	24.0	14,057	1,171	52.1
Economic Area 7, Illinois	3,001	100.0	86,118	100.0	24,260	563	100.0
Farms using by pounds per acre:							
Under 75	42	1.4	3,183	3.7	56	35	0.2
75 to 149	201	6.7	8,710	10.1	492	113	2.0
150 to 224	442	14.7	13,510	15.7	1,258	186	5.2
225 to 299	325	10.8	7,180	8.3	917	255	3.8
300 to 374	305	10.2	7,380	8.6	1,191	323	4.9
375 to 449	290	9.7	7,425	8.6	1,501	404	6.2
450 to 524	193	6.4	6,380	7.4	1,566	491	6.4
525 to 599	61	2.0	1,955	2.3	548	561	2.2
600 to 674	96	3.2	2,645	3.1	835	631	3.4
675 to 749	55	1.8	1,175	1.4	419	713	1.7
750 to 824	110	3.7	2,630	3.0	1,050	798	4.3
825 and over	881	29.5	23,945	27.8	14,427	1,205	59.5
Economic Areas 7 and 8, Wisconsin..	5,154	100.0	94,470	100.0	12,237	259	100.0
Farms using by pounds per acre:							
Under 75	95	1.8	1,895	2.0	48	51	0.4
75 to 149	657	12.7	16,485	17.4	959	116	7.8
150 to 224	1,850	35.9	35,678	37.8	3,364	189	27.5
225 to 299	685	13.3	13,447	14.2	1,724	256	14.1
300 to 374	617	12.0	10,177	10.8	1,648	324	13.5
375 to 449	573	11.1	8,223	8.7	1,644	400	13.4
450 to 524	265	5.1	3,405	3.6	836	491	6.8
525 to 599	80	1.6	1,255	1.3	342	545	2.8
600 to 674	165	3.2	1,455	1.5	464	638	3.8
675 to 749	15	0.3	860	0.9	314	730	2.6
750 to 824	41	0.8	490	0.5	195	796	1.6
825 and over	111	2.2	1,100	1.2	699	1,271	5.7
Economic Areas 1a and 1b, Iowa....	4,673	100.0	114,249	100.0	11,530	202	100.0
Farms using by pounds per acre:							
Under 75	167	3.6	7,775	6.8	192	49	1.7
75 to 149	1,397	29.9	35,761	31.3	1,985	111	17.2
150 to 224	1,611	34.5	38,043	33.3	3,498	184	30.3
225 to 299	525	11.2	11,840	10.4	1,559	263	13.5
300 to 374	476	10.2	11,425	10.0	1,798	315	15.6
375 to 449	246	5.3	4,110	3.6	821	400	7.1
450 to 524	100	2.1	1,765	1.5	433	491	3.8
525 to 599	35	0.7	1,105	1.0	300	543	2.6
600 to 674	40	0.8	970	0.8	307	633	2.7
675 to 749	10	0.2	230	0.2	80	696	0.7
750 to 824	10	0.2	210	0.2	84	800	0.7
825 and over	56	1.2	1,015	0.9	473	932	4.1
Economic Area 3, Missouri	2,415	100.0	56,433	100.0	6,594	234	100.0
Farms using by pounds per acre:							
Under 75	88	3.6	3,954	7.0	118	60	1.8
75 to 149	639	26.4	17,413	30.8	1,002	115	15.2
150 to 224	852	35.3	19,578	34.7	1,884	192	28.6
225 to 299	231	9.6	4,588	8.1	586	255	8.9
300 to 374	187	7.7	4,362	7.7	727	333	11.0
375 to 449	85	3.5	1,310	2.3	261	398	4.0
450 to 524	73	3.0	1,077	1.9	266	494	4.0
525 to 599	23	1.0	749	1.3	210	561	3.2
600 to 674	58	2.4	600	1.1	187	623	2.8
675 to 749	16	0.7	360	0.6	127	706	1.9
750 to 824	28	1.2	718	1.3	276	769	4.2
825 and over	135	5.6	1,724	3.0	950	1,102	14.4
Economic Area 7, Virginia	6,318	100.0	80,378	100.0	17,930	446	100.0
Farms using by pounds per acre:							
Under 75	71	1.1	1,695	2.1	47	55	0.3
75 to 149	462	7.3	5,569	6.9	326	117	1.8
150 to 224	918	14.5	11,781	14.6	1,124	191	6.3
225 to 299	647	10.2	11,463	14.3	1,486	259	8.3
300 to 374	711	11.2	7,315	9.1	1,208	330	6.7
375 to 449	669	10.6	9,344	11.6	1,883	403	10.5
450 to 524	797	12.6	7,845	9.8	1,930	492	10.8
525 to 599	229	3.6	4,793	6.0	1,321	551	7.4
600 to 674	545	8.6	7,124	8.9	2,251	632	12.6
675 to 749	87	1.4	1,957	2.4	690	705	3.8
750 to 824	286	4.5	2,616	3.2	1,016	777	5.7
825 and over	896	14.2	8,876	11.0	4,648	1,047	25.9
Economic Areas 3, 4a, and 4b, North Carolina	12,950	100.0	193,600	100.0	34,503	356	100.0
Farms using by pounds per acre:							
Under 75	297	2.3	8,430	4.4	218	52	0.6
75 to 149	1,037	8.0	17,433	9.0	995	114	2.9
150 to 224	2,498	19.3	34,953	18.0	3,202	183	9.3
225 to 299	1,588	12.3	33,763	17.4	4,290	254	12.4
300 to 374	1,592	12.3	23,921	12.4	3,917	327	11.4
375 to 449	1,564	12.1	23,669	12.2	4,794	405	13.9
450 to 524	1,443	11.1	16,970	8.8	4,154	490	12.0
525 to 599	315	2.4	11,095	5.7	3,070	553	8.9
600 to 674	870	6.7	6,912	3.6	2,197	636	6.4
675 to 749	145	1.1	2,715	1.4	961	708	2.8
750 to 824	456	3.5	3,980	2.0	1,565	786	4.5
825 and over	1,145	8.8	9,759	5.0	5,140	1,053	14.9
Economic Area 6, South Carolina...	4,499	100.0	118,019	100.0	19,592	332	100.0
Farms using by pounds per acre:							
Under 75	80	1.8	8,898	7.5	259	58	1.3
75 to 149	629	14.0	12,868	10.9	731	114	3.7
150 to 224	1,042	23.2	21,051	17.8	2,026	192	10.3
225 to 299	483	10.7	16,347	13.8	2,080	254	10.6
300 to 374	569	12.6	17,738	15.0	2,963	334	15.1
375 to 449	633	14.1	18,036	15.3	3,752	416	19.2
450 to 524	458	10.2	8,587	7.3	2,129	496	10.9
525 to 599	60	1.3	2,731	2.3	760	557	3.9
600 to 674	203	4.5	4,532	3.8	1,442	636	7.4
675 to 749	13	0.3	792	0.7	280	707	1.4
750 to 824	76	1.7	1,973	1.7	782	793	4.0
825 and over	253	5.6	4,466	3.8	2,388	1,069	12.2
Economic Area 5, Georgia	769	100.0	36,214	100.0	5,920	327	100.0
Farms using by pounds per acre:							
Under 75	47	6.1	5,154	14.2	135	39	2.3
75 to 149	85	11.0	4,740	13.1	336	141	5.7
150 to 224	78	10.1	4,313	11.9	375	174	6.3
225 to 299	109	14.2	3,133	8.6	420	268	7.1
300 to 374	88	11.4	5,793	16.0	906	313	15.3
375 to 449	113	14.7	4,551	12.6	924	406	15.6
450 to 524	94	12.2	3,018	8.3	740	490	12.5
525 to 599	39	5.1	2,352	6.5	658	560	11.1
600 to 674	35	4.6	910	2.5	292	642	4.9
675 to 749	6	0.8	550	1.5	200	727	3.4
750 to 824	16	2.1	325	0.9	130	800	2.2
825 and over	59	7.7	1,375	3.8	804	1,169	13.6

Z 0.05 percent or less.

Table 7.—FARMS REPORTING, ACRES FERTILIZED, AND TONS OF FERTILIZER USED ON FARMS CLASSIFIED BY RATE OF USE PER ACRE, FOR SELECTED CROPS; FOR SELECTED ECONOMIC AREAS: 1954—Continued

Crop, economic area, and rate of use per acre	Farms reporting		Acres fertilized		Fertilizer used		
	Number	Percent distribution	Total	Percent distribution	Tons	Average per acre (lb.)	Percent distribution
HAY AND CROPLAND PASTURE—Continued							
Economic Area 5, Alabama	3,214	100.0	81,823	100.0	17,587	430	100.0
Farms using by pounds per acre:							
Under 75	74	2.3	2,494	3.0	69	55	0.4
75 to 149	327	10.2	7,685	9.4	422	110	2.4
150 to 224	598	18.6	8,889	10.9	853	192	4.8
225 to 299	293	9.1	8,800	10.8	1,200	273	6.8
300 to 374	362	11.3	9,850	12.0	1,616	328	9.2
375 to 449	332	10.3	8,271	10.1	1,696	410	9.6
450 to 524	387	12.0	11,746	14.4	2,898	493	16.5
525 to 599	118	3.7	5,062	6.2	1,384	547	7.9
600 to 674	232	7.2	4,253	5.2	1,350	635	7.7
675 to 749	100	3.1	3,153	3.8	1,116	708	6.3
750 to 824	144	4.5	2,281	2.8	896	786	5.1
825 and over	247	7.7	9,339	11.4	4,087	875	23.2
Economic Area 2, Mississippi	922	100.0	50,497	100.0	6,559	260	100.0
Farms using by pounds per acre:							
Under 75	21	2.3	5,669	11.2	145	51	2.2
75 to 149	146	15.8	11,954	23.7	662	111	10.1
150 to 224	170	18.4	9,691	19.2	844	174	12.9
225 to 299	117	12.7	5,785	11.4	670	232	10.2
300 to 374	92	10.0	5,154	10.2	829	322	12.6
375 to 449	146	15.8	4,481	8.9	844	377	12.9
450 to 524	58	6.3	1,672	3.3	411	492	6.3
525 to 599	48	5.2	1,618	3.2	446	551	6.8
600 to 674	32	3.5	1,070	2.1	334	624	5.1
675 to 749	10	1.1	700	1.4	256	731	3.9
750 to 824	18	2.0	690	1.4	268	777	4.1
825 and over	64	6.9	2,013	4.0	850	845	13.0
OTHER PASTURE							
Economic Areas 1 and 2, New York	554	100.0	9,872	100.0	1,600	324	100.0
Farms using by pounds per acre:							
Under 75	26	4.7	1,550	15.7	30	39	1.9
75 to 149	40	7.2	950	9.6	58	122	3.6
150 to 224	77	13.9	1,160	11.8	126	217	7.9
225 to 299	55	9.9	1,115	11.3	140	251	8.8
300 to 374	95	17.1	1,640	16.6	250	305	15.6
375 to 449	116	20.9	1,864	18.9	374	401	23.4
450 to 524	35	6.3	285	2.9	70	491	4.4
525 to 599	27	4.9	354	3.6	97	548	6.1
600 to 674	11	2.0	160	1.6	51	638	3.2
675 to 749	5	0.9	20	0.2	7	700	0.4
750 to 824	27	4.9	344	3.5	134	779	8.4
825 and over	40	7.2	430	4.4	263	1,223	16.4
Economic Areas 7 and 8, Wisconsin	926	100.0	11,427	100.0	1,669	292	100.0
Farms using by pounds per acre:							
Under 75	20	2.1	420	3.7	10	48	0.6
75 to 149	107	11.6	1,292	11.3	80	123	4.8
150 to 224	318	34.3	3,980	34.8	381	191	22.8
225 to 299	150	16.2	1,840	16.1	244	265	14.6
300 to 374	111	12.0	1,120	9.8	178	318	10.7
375 to 449	70	7.6	1,235	10.8	250	404	15.0
450 to 524	65	7.0	550	4.8	138	502	8.3
525 to 599	10	1.1	145	1.3	40	551	2.4
600 to 674	45	4.9	285	2.5	91	638	5.4
675 to 749	...	...	...	...	...	...	...
750 to 824	10	1.1	505	4.4	202	800	12.1
825 and over	20	2.1	55	0.5	55	2,000	3.3
Economic Areas 1 and 2, New Jersey	944	100.0	18,421	100.0	3,974	431	100.0
Farms using by pounds per acre:							
Under 75	11	1.2	787	4.3	20	51	0.5
75 to 149	25	2.6	415	2.2	28	135	0.7
150 to 224	61	6.5	1,045	5.7	106	203	2.7
225 to 299	61	6.5	2,013	10.9	246	244	6.2
300 to 374	106	11.2	1,600	8.7	268	335	6.7
375 to 449	209	22.1	5,407	29.4	1,056	391	26.6
450 to 524	165	17.5	2,510	13.6	607	484	15.3
525 to 599	70	7.4	1,365	7.4	382	560	9.6
600 to 674	95	10.1	1,295	7.0	410	633	10.3
675 to 749	15	1.6	350	1.9	123	703	3.1
750 to 824	36	3.8	619	3.4	244	788	6.1
825 and over	90	9.5	1,015	5.5	484	954	12.2
Economic Areas 1a and 1b, Iowa	1,050	100.0	22,246	100.0	1,815	162	100.0
Farms using by pounds per acre:							
Under 75	70	6.7	1,245	5.6	38	61	2.1
75 to 149	398	37.9	10,239	46.0	548	107	30.2
150 to 224	349	33.2	6,650	29.9	599	180	33.0
225 to 299	111	10.6	2,482	11.2	311	250	17.1
300 to 374	60	5.7	1,025	4.6	167	325	9.2
375 to 449	16	1.5	200	0.9	40	400	2.2
450 to 524	16	1.5	270	1.2	67	496	3.7
525 to 599	5	0.5	35	0.1	10	571	0.6
600 to 674	10	1.0	60	0.3	20	667	1.1
675 to 749	...	...	...	...	...	...	...
750 to 824	15	1.4	40	0.2	15	750	0.8
825 and over	...	...	...	...	...	...	...
Economic Area 7, Ohio	485	100.0	7,840	100.0	1,492	381	100.0
Farms using by pounds per acre:							
Under 75	5	1.0	40	0.5	1	50	0.1
75 to 149	41	8.5	585	7.5	36	121	2.4
150 to 224	121	25.0	1,815	23.2	176	194	11.8
225 to 299	41	8.5	1,305	16.6	177	271	11.9
300 to 374	80	16.5	1,585	20.2	258	324	17.2
375 to 449	71	14.6	680	8.7	137	403	9.2
450 to 524	55	11.3	535	6.8	132	495	8.9
525 to 599	...	...	...	...	...	...	...
600 to 674	40	8.2	225	2.9	70	622	4.7
675 to 749	...	...	...	...	...	...	...
750 to 824	5	1.0	200	2.5	80	800	5.4
825 and over	26	5.4	870	11.1	425	977	28.4
Economic Area 3, Missouri	949	100.0	24,544	100.0	3,385	275	100.0
Farms using by pounds per acre:							
Under 75	45	4.7	1,890	7.7	46	48	1.3
75 to 149	252	26.6	7,655	31.2	430	112	12.7
150 to 224	266	28.0	6,437	26.2	605	187	17.9
225 to 299	113	11.9	2,637	10.7	342	259	10.1
300 to 374	89	9.4	1,345	5.5	218	324	6.4
375 to 449	56	5.9	860	3.5	171	399	5.1
450 to 524	13	1.4	363	1.5	90	495	2.7
525 to 599	10	1.1	150	0.6	42	560	1.2
600 to 674	26	2.7	555	2.3	174	627	5.1
675 to 749	7	0.7	200	0.8	73	730	2.2
750 to 824	25	2.6	395	1.6	158	797	4.7
825 and over	47	5.0	2,057	8.4	1,036	1,007	30.6
Economic Areas 1 and 3, Illinois	757	100.0	13,560	100.0	3,112	459	100.0
Farms using by pounds per acre:							
Under 75	20	2.6	395	2.9	5	25	0.2
75 to 149	85	11.2	1,475	10.9	78	106	2.5
150 to 224	166	21.9	3,650	26.9	326	179	10.5
225 to 299	75	9.9	1,020	7.5	134	263	4.3
300 to 374	70	9.2	1,030	7.6	170	330	5.5
375 to 449	70	9.2	1,035	7.6	205	396	6.6
450 to 524	55	7.3	1,030	7.6	244	474	7.8
525 to 599	20	2.6	745	5.5	211	566	6.8
600 to 674	20	2.6	230	1.7	70	609	2.2
675 to 749	5	0.7	35	0.2	13	743	0.4
750 to 824	26	3.4	270	2.0	105	778	3.4
825 and over	145	19.2	2,645	19.5	1,551	1,172	50.4
Economic Area 7, Virginia	1,906	100.0	30,899	100.0	6,964	450	100.0
Farms using by pounds per acre:							
Under 75	25	1.3	1,320	4.3	39	59	0.6
75 to 149	87	4.6	2,520	8.2	152	121	2.2
150 to 224	137	7.2	3,155	10.2	299	189	4.3
225 to 299	182	9.6	3,002	9.7	392	261	5.6
300 to 374	159	8.3	2,404	7.8	403	335	5.8
375 to 449	276	14.5	4,609	14.9	941	408	13.5
450 to 524	239	12.5	4,859	15.7	1,206	496	17.3
525 to 599	68	3.6	1,935	6.3	545	563	7.8
600 to 674	197	10.3	1,815	5.9	574	632	8.3
675 to 749	17	0.9	295	0.9	103	695	1.5
750 to 824	178	9.3	1,820	5.9	705	775	10.1
825 and over	341	17.9	3,165	10.2	1,605	1,014	23.0
Economic Area 7, Illinois	592	100.0	11,226	100.0	2,406	428	100.0
Farms using by pounds per acre:							
Under 75	5	0.8	425	3.7	10	47	0.4
75 to 149	75	12.6	1,175	10.4	62	106	2.6
150 to 224	156	26.3	3,366	29.8	310	184	12.8
225 to 299	65	10.9	1,025	9.7	134	262	5.6
300 to 374	50	8.9	585	5.4	95	324	3.9
375 to 449	40	6.7	475	4.2	94	418	3.9
450 to 524	35	5.9	560	4.9	141	500	5.8
525 to 599	21	3.5	250	1.9	71	568	2.6
600 to 674	45	7.6	620	5.5	192	620	8.0
675 to 749	10	1.6	975	8.6	338	692	14.3
750 to 824	...	...	...	...	...	...	...
825 and over	90	15.2	1,770	15.7	959	1,084	39.8
Economic Areas 3, 4a, and 4b, North Carolina	4,885	100.0	81,802	100.0	15,576	380	100.0
Farms using by pounds per acre:							
Under 75	48	1.0	1,912	2.3	57	59	0.4
75 to 149	338	6.9	8,279	10.1	468	113	3.0
150 to 224	717	14.7	14,750	18.1	1,380	187	8.9
225 to 299	408	8.4	9,180	11.2	1,238	270	7.9
300 to 374	543	11.1	7,675	9.4	1,230	320	7.9
375 to 449	677	13.9	12,348	15.1	2,470	400	15.9
450 to 524	559	11.4	12,619	15.4	3,070	486	19.7
525 to 599	162	3.3	2,425	3.0	673	555	4.3
600 to 674	606	12.4	6,224	7.6	1,967	632	12.6
675 to 749	81	1.6	1,820	2.2	645	709	4.1
750 to 824	135	2.8	1,045	1.3	413	790	2.7
825 and over	611	12.5	3,525	4.3	1,965	1,114	12.6

Table 7.—FARMS REPORTING, ACRES FERTILIZED, AND TONS OF FERTILIZER USED ON FARMS CLASSIFIED BY RATE OF USE PER ACRE, FOR SELECTED CROPS; FOR SELECTED ECONOMIC AREAS: 1954—Continued

Crop, economic area, and rate of use per acre	Farms reporting		Acres fertilized		Fertilizer used		
	Number	Percent distribution	Total	Percent distribution	Tons	Average per acre (lb.)	Percent distribution
OTHER PASTURE—Continued							
Economic Area 6, South Carolina	488	100.0	15,390	100.0	2,896	376	100.0
Farms using by pounds per acre:							
Under 75	10	2.0	495	3.2	18	73	0.6
75 to 149	43	8.8	925	6.0	55	119	1.9
150 to 224	80	16.4	2,979	19.4	272	183	9.4
225 to 299	33	6.8	698	4.5	85	244	2.9
300 to 374	75	15.4	2,939	19.1	472	321	16.3
375 to 449	82	16.8	2,360	15.3	472	400	16.3
450 to 524	53	10.9	2,724	17.7	666	489	23.0
525 to 599	11	2.2	465	3.0	133	572	4.6
600 to 674	27	5.5	245	1.6	80	653	2.7
675 to 749	17	3.5	555	3.6	194	699	6.7
750 to 824	24	4.9	503	3.3	195	775	6.7
825 and over	33	6.8	502	3.3	254	1,012	8.8
Economic Area 5, Georgia	417	100.0	20,384	100.0	2,878	282	100.0
Farms using by pounds per acre:							
Under 75	13	3.1	2,500	12.3	40	32	1.4
75 to 149	70	16.9	3,413	16.8	181	106	6.3
150 to 224	58	13.9	4,757	23.3	432	181	15.0
225 to 299	56	13.4	2,130	10.4	278	261	9.7
300 to 374	37	8.9	2,690	13.2	467	347	16.2
375 to 449	64	15.4	1,410	6.9	283	401	9.8
450 to 524	65	15.4	1,408	6.9	346	492	12.0
525 to 599	8	1.9	552	2.7	154	559	5.4
600 to 674	7	1.7	425	2.1	130	611	4.5
675 to 749	6	1.5	184	0.9	65	706	2.2
750 to 824	20	4.8	290	1.4	111	766	3.9
825 and over	13	3.1	625	3.1	391	1,251	13.6
Economic Area 5, Alabama	1,164	100.0	48,720	100.0	8,597	353	100.0
Farms using by pounds per acre:							
Under 75	39	3.4	6,254	12.9	228	72	2.6
75 to 149	117	10.1	8,808	18.1	559	126	6.6
150 to 224	159	13.6	5,903	12.1	611	206	7.2
225 to 299	118	10.1	5,056	10.4	657	259	7.7
300 to 374	107	9.2	4,474	9.2	778	347	9.0
375 to 449	207	17.8	5,670	11.6	1,210	426	14.0
450 to 524	124	10.6	4,202	8.6	1,023	487	11.9
525 to 599	33	2.8	2,205	4.5	594	538	6.9
600 to 674	65	5.6	1,440	3.0	456	634	5.3
675 to 749	23	2.0	590	1.2	207	702	2.4
750 to 824	36	3.1	965	2.0	372	772	4.3
825 and over	136	11.7	3,153	6.4	1,902	1,206	22.1
Economic Area 2, Mississippi	418	100.0	29,617	100.0	3,449	233	100.0
Farms using by pounds per acre:							
Under 75	23	5.5	3,173	10.7	86	54	2.5
75 to 149	72	17.2	9,527	32.2	408	86	11.8
150 to 224	98	23.4	4,901	16.5	450	184	13.0
225 to 299	52	12.4	5,088	17.2	669	263	19.4
300 to 374	29	6.9	1,444	4.9	230	319	6.7
375 to 449	46	11.0	2,345	7.9	470	401	13.6
450 to 524	24	5.7	1,635	5.5	411	503	11.9
525 to 599	7	1.7	157	0.5	43	548	1.2
600 to 674	23	5.5	277	0.9	88	635	2.6
675 to 749	5	1.2	315	1.1	117	743	3.4
750 to 824	28	6.7	239	0.8	93	778	2.7
825 and over	11	2.6	516	1.7	384	1,488	11.1
CORN							
Economic Areas 1 and 2, New York	12,916	100.0	220,474	100.0	39,779	361	100.0
Farms using by pounds per acre:							
Under 75	65	0.5	1,180	0.5	26	44	0.1
75 to 149	430	3.3	6,625	3.0	404	122	1.0
150 to 224	1,989	15.4	36,033	16.3	3,480	193	8.7
225 to 299	2,068	16.0	41,122	18.6	5,464	266	13.7
300 to 374	2,727	21.1	47,984	21.8	7,749	323	19.5
375 to 449	2,398	18.6	41,979	19.0	8,456	403	21.2
450 to 524	1,400	10.8	20,212	9.2	4,974	492	12.5
525 to 599	365	2.8	8,290	3.8	2,304	556	5.8
600 to 674	585	4.5	6,760	3.1	2,149	636	5.4
675 to 749	135	1.0	2,205	1.0	774	702	1.9
750 to 824	211	1.6	3,119	1.4	1,232	790	3.1
825 and over	543	4.2	4,965	2.2	2,767	1,115	7.0
Economic Area 7, Illinois	14,444	100.0	974,417	100.0	135,172	277	100.0
Farms using by pounds per acre:							
Under 75	457	3.2	30,380	3.1	866	57	0.6
75 to 149	3,010	20.8	213,037	21.9	12,265	115	9.1
150 to 224	4,188	29.0	287,201	29.5	27,116	189	20.1
225 to 299	1,983	13.7	144,206	14.8	18,620	258	13.8
300 to 374	1,651	11.4	109,718	11.2	18,036	329	13.3
375 to 449	932	6.4	63,045	6.5	12,898	409	9.5
450 to 524	633	4.4	42,175	4.3	10,244	486	7.6
525 to 599	257	1.8	17,960	1.8	5,052	563	3.7
600 to 674	336	2.3	19,380	2.0	6,059	625	4.5
675 to 749	105	0.7	6,785	0.7	2,406	709	1.8
750 to 824	165	1.1	7,160	0.7	2,800	782	2.1
825 and over	727	5.0	33,370	3.4	18,810	1,127	13.9
Economic Areas 1 and 2, New Jersey	7,377	100.0	169,842	100.0	47,204	556	100.0
Farms using by pounds per acre:							
Under 75	30	0.4	570	0.3	14	49	(Z)
75 to 149	160	2.2	3,210	1.9	197	123	0.4
150 to 224	503	6.8	12,110	7.1	1,164	193	2.5
225 to 299	647	8.8	16,636	9.8	2,219	267	4.7
300 to 374	842	11.4	19,440	11.4	3,204	330	6.8
375 to 449	1,089	14.8	25,637	15.1	5,214	407	11.0
450 to 524	1,072	14.5	24,460	14.4	6,030	493	12.8
525 to 599	323	4.4	8,560	5.0	2,360	551	5.0
600 to 674	683	9.2	14,405	8.5	4,576	635	9.7
675 to 749	185	2.5	5,125	3.0	1,812	707	3.8
750 to 824	393	5.3	9,335	5.5	3,666	785	7.8
825 and over	1,450	19.6	30,354	17.9	16,748	1,104	35.5
Economic Areas 7 and 8, Wisconsin	27,908	100.0	802,897	100.0	81,980	204	100.0
Farms using by pounds per acre:							
Under 75	458	1.6	14,406	1.8	384	53	0.5
75 to 149	7,515	26.9	237,765	29.6	14,116	118	17.2
150 to 224	10,670	38.2	298,724	37.2	27,624	184	33.7
225 to 299	5,257	18.8	156,809	19.5	19,826	252	24.2
300 to 374	1,731	6.2	44,386	5.5	7,212	324	8.8
375 to 449	1,153	4.1	28,641	3.6	5,805	405	7.1
450 to 524	415	1.5	7,540	0.9	1,824	484	2.2
525 to 599	120	0.4	3,335	0.4	922	552	1.1
600 to 674	326	1.2	4,975	0.6	1,571	631	1.9
675 to 749	25	0.1	1,080	0.1	374	692	0.4
750 to 824	77	0.3	2,306	0.3	926	803	1.1
824 and over	161	0.6	2,930	0.4	1,396	953	1.7
Economic Area 7, Ohio	8,759	100.0	226,704	100.0	31,946	282	100.0
Farms using by pounds per acre:							
Under 75	86	1.0	1,888	0.8	47	50	0.1
75 to 149	586	6.7	17,990	7.9	1,073	119	3.4
150 to 224	2,206	25.2	73,470	32.4	7,061	192	22.1
225 to 299	1,857	21.2	51,338	22.6	6,699	261	21.0
300 to 374	1,680	19.2	39,995	17.6	6,535	327	20.4
375 to 449	1,007	11.5	21,593	9.5	4,356	403	13.6
450 to 524	450	5.1	9,820	4.3	2,380	485	7.4
525 to 599	170	1.9	3,065	1.4	851	555	2.7
600 to 674	291	3.3	3,435	1.5	1,080	629	3.4
675 to 749	45	0.5	610	0.3	218	715	0.7
750 to 824	135	1.5	1,530	0.7	596	779	1.9
825 and over	246	2.8	1,970	0.9	1,050	1,066	3.3
Economic Areas 1a and 1b, Iowa	22,174	100.0	1,098,271	100.0	93,241	169	100.0
Farms using by pounds per acre:							
Under 75	1,727	7.8	93,636	8.5	2,599	55	2.8
75 to 149	8,583	38.7	459,582	41.8	25,819	112	27.7
150 to 224	7,315	33.0	343,152	31.2	31,726	184	34.0
225 to 299	2,236	10.1	105,412	9.6	13,436	254	14.4
300 to 374	1,232	5.5	51,327	4.7	8,320	324	8.9
375 to 449	598	2.7	26,415	2.4	5,349	404	5.7
450 to 524	161	0.7	5,817	0.5	1,429	491	1.5
525 to 599	121	0.5	6,640	0.6	1,833	552	2.0
600 to 674	66	0.3	1,425	0.1	434	609	0.5
675 to 749	25	0.1	1,720	0.1	625	727	0.7
750 to 824	30	0.1	340	(Z)	135	794	0.1
824 and over	80	0.4	2,805	0.3	1,536	1,095	1.6
Economic Areas 1 and 3, Illinois	19,851	100.0	1,140,318	100.0	124,217	218	100.0
Farms using by pounds per acre:							
Under 75	749	3.8	41,101	3.6	1,082	53	0.9
75 to 149	7,379	37.2	448,147	39.3	24,782	111	20.0
150 to 224	5,014	25.2	299,720	26.3	27,482	183	22.1
225 to 299	2,145	10.8	138,139	12.1	17,939	260	14.4
300 to 374	1,499	7.6	82,870	7.3	13,561	327	10.9
375 to 449	1,100	5.5	49,926	4.4	10,046	402	8.1
450 to 524	589	3.0	28,546	2.5	6,990	490	5.6
525 to 599	183	0.9	9,379	0.8	2,571	548	2.1
600 to 674	370	1.9	14,555	1.3	4,570	628	3.7
675 to 749	86	0.4	4,410	0.4	1,554	705	1.2
750 to 824	136	0.7	3,120	0.3	1,222	783	1.0
825 and over	601	3.0	20,405	1.8	12,418	1,217	10.0
Economic Area 3, Missouri	10,452	100.0	404,223	100.0	34,219	169	100.0
Farms using by pounds per acre:							
Under 75	566	5.4	24,882	6.2	686	55	2.0
75 to 149	4,648	44.5	198,233	49.0	10,651	107	31.1
150 to 224	3,189	30.5	113,893	28.2	10,480	184	30.6
225 to 299	853	8.2	27,220	6.7	3,495	257	10.2
300 to 374	519	5.0	20,111	5.0	3,140	312	9.2
375 to 449	296	2.8	9,219	2.3	1,858	403	5.4
450 to 524	125	1.2	3,536	0.9	842	476	2.5
525 to 599	52	0.5	1,841	0.4	504	548	1.5
600 to 674	69	0.7	1,948	0.5	610	626	1.8
675 to 749	12	0.1	560	0.1	199	711	0.6
750 to 824	31	0.3	430	0.1	172	800	0.5
825 and over	92	0.9	2,350	0.6	1,582	1,346	4.6

Z 0.05 percent or less.

Table 7.—FARMS REPORTING, ACRES FERTILIZED, AND TONS OF FERTILIZER USED ON FARMS CLASSIFIED BY RATE OF USE PER ACRE, FOR SELECTED CROPS; FOR SELECTED ECONOMIC AREAS: 1954—Continued

Crop, economic area, and rate of use per acre	Farms reporting		Acres fertilized		Fertilizer used		
	Number	Percent distribution	Total	Percent distribution	Tons	Average per acre (lb.)	Percent distribution
CORN—Continued							
Economic Area 7, Virginia	19,203	100.0	129,876	100.0	27,071	417	100.0
Farms using by pounds per acre:							
Under 75	115	0.6	915	0.7	24	52	0.1
75 to 149	811	4.2	5,982	4.6	359	120	1.3
150 to 224	2,760	14.4	20,643	15.9	1,993	193	7.4
225 to 299	2,440	12.7	18,428	14.2	2,389	259	8.8
300 to 374	2,806	14.6	19,041	14.7	3,106	326	11.5
375 to 449	3,088	16.1	21,927	16.9	4,413	403	16.3
450 to 524	2,452	12.8	14,231	11.0	3,516	494	13.0
525 to 599	509	2.6	4,173	3.2	1,164	558	4.3
600 to 674	1,621	8.4	9,815	7.6	3,118	635	11.5
675 to 749	259	1.3	1,861	1.4	658	708	2.4
750 to 824	690	3.6	4,283	3.3	1,683	786	6.2
825 and over	1,652	8.6	8,577	6.6	4,648	1,084	17.2
Economic Areas 3, 4a, and 4b, North Carolina	44,863	100.0	312,731	100.0	59,049	377	100.0
Farms using by pounds per acre:							
Under 75	342	0.8	3,295	1.0	86	52	0.1
75 to 149	1,964	4.4	15,602	5.0	914	117	1.5
150 to 224	8,522	19.0	59,679	19.1	5,797	194	9.8
225 to 299	6,079	13.5	47,614	15.2	6,190	260	10.5
300 to 374	7,266	16.2	52,198	16.7	8,534	326	14.5
375 to 449	7,126	15.9	52,169	16.7	10,558	404	17.9
450 to 524	4,686	10.4	29,134	9.3	7,199	494	12.2
525 to 599	1,155	2.6	11,859	3.8	3,314	558	5.6
600 to 674	3,361	7.5	19,042	6.1	6,051	635	10.2
675 to 749	365	0.8	2,570	0.8	904	703	1.5
750 to 824	1,277	2.8	7,912	2.5	3,088	780	5.2
825 and over	2,720	6.1	11,657	3.7	6,414	1,100	10.9
Economic Area 6, South Carolina	20,732	100.0	341,792	100.0	64,332	376	100.0
Farms using by pounds per acre:							
Under 75	273	1.3	4,900	1.4	132	54	0.2
75 to 149	1,644	7.9	28,971	8.5	2,062	142	3.2
150 to 224	3,559	17.2	56,217	16.4	5,397	192	8.4
225 to 299	2,537	12.2	40,630	11.9	5,335	263	8.3
300 to 374	3,003	14.5	47,635	13.9	7,775	326	12.1
375 to 449	3,579	17.3	62,126	18.2	12,499	402	19.4
450 to 524	2,409	11.6	36,053	10.5	8,862	492	13.8
525 to 599	660	3.2	17,725	5.2	4,846	547	7.5
600 to 674	1,453	7.0	22,540	6.6	7,012	622	10.9
675 to 749	271	1.3	6,980	2.0	2,430	696	3.8
750 to 824	547	2.6	9,070	2.6	3,401	750	5.3
825 and over	797	3.8	8,945	2.6	4,581	1,024	7.1
Economic Area 5, Georgia	4,641	100.0	130,179	100.0	16,949	260	100.0
Farms using by pounds per acre:							
Under 75	206	4.4	6,400	4.9	189	59	1.1
75 to 149	823	17.7	23,856	18.3	1,345	113	7.9
150 to 224	1,092	23.6	32,470	24.9	2,985	184	17.6
225 to 299	740	15.9	22,932	17.6	2,838	248	16.7
300 to 374	673	14.5	17,980	13.8	2,889	321	17.0
375 to 449	508	10.9	12,230	9.4	2,474	405	14.6
450 to 524	289	6.2	7,006	5.4	1,719	491	10.1
525 to 599	64	1.4	1,962	1.5	538	548	3.2
600 to 674	122	2.6	1,778	1.4	553	622	3.3
675 to 749	23	0.5	1,393	1.1	491	705	2.9
750 to 824	53	1.1	1,517	1.2	587	774	3.5
825 and over	48	1.0	655	0.5	341	1,041	2.0
Economic Area 5, Alabama	19,054	100.0	285,426	100.0	40,278	282	100.0
Farms using by pounds per acre:							
Under 75	501	2.6	9,039	3.2	233	52	0.6
75 to 149	2,468	13.0	45,185	15.8	2,610	116	6.5
150 to 224	4,644	24.4	77,174	27.0	7,308	189	18.1
225 to 299	2,938	15.4	43,761	15.3	5,656	258	14.0
300 to 374	2,829	14.8	40,346	14.1	6,594	327	16.4
375 to 449	2,212	11.6	32,046	11.2	6,446	402	16.0
450 to 524	1,457	7.6	16,611	5.8	4,050	488	10.0
525 to 599	368	1.9	6,426	2.3	1,787	556	4.4
600 to 674	783	4.1	7,759	2.7	2,429	626	6.0
675 to 749	117	0.6	1,876	0.7	663	707	1.6
750 to 824	246	1.3	2,249	0.8	886	788	2.2
825 and over	491	2.6	2,954	1.0	1,616	1,094	4.0
Economic Area 2, Mississippi	17,198	100.0	212,428	100.0	29,968	282	100.0
Farms using by pounds per acre:							
Under 75	687	3.9	11,063	5.2	297	53	1.0
75 to 149	3,184	18.6	40,608	19.2	2,260	111	7.5
150 to 224	4,748	27.7	54,019	25.5	5,134	190	17.2
225 to 299	2,213	12.9	27,956	13.2	3,630	259	12.2
300 to 374	2,145	12.5	27,021	12.8	4,352	322	14.6
375 to 449	1,612	9.4	19,899	9.4	4,009	402	13.3
450 to 524	1,078	6.3	11,123	5.2	2,731	490	9.1
525 to 599	245	1.4	4,766	2.2	1,331	558	4.4
600 to 674	565	3.3	6,554	3.0	2,084	635	6.9
675 to 749	100	0.5	2,426	1.1	865	713	2.9
750 to 824	200	1.1	2,151	1.0	845	785	2.8
825 and over	421	2.4	4,842	2.2	2,430	1,003	8.1
OATS							
Economic Areas 7 and 8, Wisconsin	16,989	100.0	431,570	100.0	40,656	188	100.0
Farms using by pounds per acre:							
Under 75	492	2.9	15,940	3.7	435	55	1.1
75 to 149	4,421	26.0	132,108	30.6	7,590	115	18.7
150 to 224	7,237	42.6	183,007	42.4	16,757	183	41.2
225 to 299	2,402	14.1	56,789	13.2	7,206	254	17.7
300 to 374	1,252	7.4	25,915	6.0	4,152	320	10.2
375 to 449	614	3.6	9,161	2.1	1,835	401	4.5
450 to 524	200	1.2	3,335	0.8	815	489	2.0
Economic Areas 7 and 8, Wisconsin—Continued							
Farms using by pounds per acre:—Continued							
525 to 599	95	0.6	1,995	0.5	552	553	1.4
600 to 674	130	0.8	1,610	0.4	510	627	1.2
675 to 749	...	...	...	...	...	...	...
750 to 824	55	0.3	840	0.2	332	790	0.8
825 and over	91	0.5	870	0.2	472	1,085	1.2
WHEAT							
Economic Areas 1 and 2, New York	12,714	100.0	198,446	100.0	33,157	334	100.0
Farms using by pounds per acre:							
Under 75	60	0.5	1,220	0.6	26	43	0.1
75 to 149	293	2.3	4,268	2.2	259	121	0.8
150 to 224	1,805	14.2	30,460	15.3	2,970	195	9.0
225 to 299	2,633	20.7	45,100	22.7	6,009	266	18.1
300 to 374	3,504	27.6	56,458	28.4	9,140	324	27.6
375 to 449	2,211	17.4	35,125	17.7	7,060	402	21.3
450 to 524	970	7.6	12,053	6.1	2,933	487	8.8
525 to 599	290	2.3	4,044	2.0	1,115	551	3.4
600 to 674	510	4.0	5,165	2.6	1,640	635	4.9
675 to 749	65	0.5	810	0.4	287	709	0.9
750 to 824	146	1.1	2,131	1.1	818	768	2.5
825 and over	227	1.8	1,612	0.8	900	1,117	2.7
Economic Areas 1 and 2, New Jersey	2,748	100.0	45,959	100.0	9,504	414	100.0
Farms using by pounds per acre:							
Under 75	15	0.5	255	0.6	8	63	0.1
75 to 149	100	3.6	2,145	4.7	116	108	1.2
150 to 224	251	9.1	4,369	9.5	425	195	4.5
225 to 299	326	11.9	6,601	14.4	892	270	9.4
300 to 374	481	17.5	8,150	17.7	1,333	326	14.0
375 to 449	630	22.9	10,285	22.4	2,075	404	21.8
450 to 524	318	11.6	5,634	12.2	1,376	488	14.5
525 to 599	126	4.6	2,870	6.2	794	553	8.4
600 to 674	180	6.6	1,830	4.0	572	625	6.0
675 to 749	20	0.7	885	1.9	322	728	3.4
750 to 824	96	3.5	1,055	2.3	414	785	4.4
825 and over	205	7.4	1,880	4.1	1,177	1,252	12.4
Economic Area 7, Ohio	4,838	100.0	98,276	100.0	13,784	280	100.0
Farms using by pounds per acre:							
Under 75	26	0.5	1,727	1.7	27	31	0.2
75 to 149	252	5.2	6,538	6.7	384	117	2.8
150 to 224	1,200	24.8	27,659	28.1	2,639	190	19.2
225 to 299	1,269	26.2	26,085	26.5	3,363	257	24.4
300 to 374	884	18.3	18,240	18.6	2,934	322	21.3
375 to 449	570	11.8	9,340	9.5	1,846	395	13.4
450 to 524	256	5.3	3,800	3.9	919	484	6.7
Economic Area 7, Ohio—Continued							
Farms using by pounds per acre—Continued							
525 to 599	100	2.1	1,595	1.6	439	550	3.2
600 to 674	105	2.2	1,265	1.3	404	638	2.9
675 to 749	10	0.2	100	0.1	35	700	0.2
750 to 824	25	0.5	190	0.2	72	757	0.5
825 and over	141	2.9	1,737	1.8	722	831	5.2
Economic Areas 1 and 3, Illinois	1,704	100.0	35,198	100.0	5,514	313	100.0
Farms using by pounds per acre:							
Under 75	50	2.9	1,970	5.6	54	55	1.0
75 to 149	312	18.3	7,424	21.1	442	119	8.0
150 to 224	467	27.4	9,802	27.8	924	189	16.8
225 to 299	283	16.6	5,455	15.5	704	258	12.8
300 to 374	160	9.4	3,125	8.9	516	330	9.4
375 to 449	131	7.7	2,255	6.4	458	406	8.3
450 to 524	65	3.8	1,280	3.6	312	488	5.6
525 to 599	20	1.2	350	1.0	100	571	1.8
600 to 674	40	2.3	450	1.3	140	622	2.5
675 to 749	5	0.3	195	0.6	70	718	1.3
750 to 824	15	0.9	205	0.6	80	780	1.4
825 and over	156	9.2	2,687	7.6	1,714	1,276	31.0
Economic Area 7, Illinois	5,281	100.0	150,738	100.0	22,712	301	100.0
Farms using by pounds per acre:							
Under 75	88	1.7	3,292	2.2	69	42	0.3
75 to 149	691	13.1	18,845	12.5	1,136	121	5.0
150 to 224	1,728	32.8	51,592	34.2	4,959	192	21.8
225 to 299	882	16.7	24,213	16.1	3,156	261	13.9
300 to 374	757	14.3	19,839	13.2	3,238	326	14.2
375 to 449	441	8.4	12,470	8.3	2,536	407	11.2
450 to 524	196	3.7	7,429	4.9	1,802	485	7.9
525 to 599	106	2.0	2,690	1.8	746	555	3.3
600 to 674	90	1.7	2,270	1.5	718	633	3.2
675 to 749	35	0.7	1,445	1.0	518	717	2.3
750 to 824	45	0.8	1,600	1.1	630	788	2.8
825 and over	222	4.2	5,053	3.4	3,204	1,268	14.1

Table 7.—FARMS REPORTING, ACRES FERTILIZED, AND TONS OF FERTILIZER USED ON FARMS CLASSIFIED BY RATE OF USE PER ACRE, FOR SELECTED CROPS; FOR SELECTED ECONOMIC AREAS: 1954—Continued

Crop, economic area, and rate of use per acre	Farms reporting		Acres fertilized		Fertilizer used		
	Number	Percent distribution	Total	Percent distribution	Tons	Average per acre (lb.)	Percent distribution
WHEAT—Continued							
Economic Areas 1a and 1b, Iowa	581	100.0	23,790	100.0	1,460	123	100.0
Farms using by pound per acre:							
Under 75	91	15.7	5,707	24.0	177	62	12.1
75 to 149	297	51.1	12,718	53.4	707	111	48.4
150 to 224	143	24.6	4,440	18.7	402	181	27.5
225 to 299	20	3.4	280	1.2	36	257	2.5
300 to 374	15	2.6	250	1.0	43	344	2.9
375 to 449	10	1.7	95	0.4	20	421	1.4
450 to 524	5	0.9	300	1.3	75	500	5.1
525 to 599	...	...	...	...	...	...	...
600 to 674	...	...	...	...	...	...	...
675 to 749	...	...	...	...	...	...	...
750 to 824	...	...	...	...	...	...	...
825 and over	...	...	...	...	...	...	...
Economic Area 3, Missouri	9,119	100.0	237,810	100.0	22,051	185	100.0
Farms using by pounds per acre:							
Under 75	209	2.3	4,372	1.8	115	53	0.5
75 to 149	3,403	37.3	89,033	37.4	5,234	118	23.7
150 to 224	3,470	38.0	96,438	40.6	8,915	185	40.4
225 to 299	1,088	11.9	25,760	10.8	3,275	254	14.8
300 to 374	436	4.8	11,387	4.8	1,842	324	8.4
375 to 449	252	2.8	6,128	2.6	1,218	398	5.5
450 to 524	93	1.0	2,090	0.9	515	493	2.3
525 to 599	54	0.6	864	0.4	239	553	1.1
600 to 674	44	0.5	593	0.2	188	634	0.8
675 to 749	5	(Z)	245	0.1	90	735	0.4
750 to 824	20	0.2	400	0.2	155	775	0.7
825 and over	45	0.5	500	0.2	265	1,060	1.2
TOBACCO							
Economic Areas 3, 4a, and 4b, North Carolina	33,857	100.0	155,095	100.0	90,122	1,162	100.0
Farms using by pounds per acre:							
Under 75	20	(Z)	165	0.1	4	48	(Z)
75 to 149	90	0.3	910	0.6	51	112	0.1
150 to 224	161	0.5	1,121	0.7	112	200	0.1
225 to 299	130	0.4	760	0.5	99	261	0.1
300 to 374	230	0.7	975	0.6	163	334	0.2
375 to 449	265	0.8	1,070	0.7	219	409	0.2
450 to 524	636	1.9	2,877	1.8	713	496	0.8
525 to 599	180	0.5	1,085	0.7	303	559	0.3
600 to 674	1,481	4.4	6,493	4.2	2,082	641	2.3
675 to 749	325	1.0	1,530	1.0	544	711	0.6
750 to 824	1,715	5.1	7,715	5.0	3,049	790	3.4
825 and over	28,624	84.5	130,394	84.1	82,783	1,270	91.8
Economic Area 7, Virginia	18,832	100.0	84,325	100.0	52,323	1,241	100.0
Farms using by pounds per acre:							
Under 75	20	0.1	480	0.6	16	67	(Z)
75 to 149	70	0.4	1,145	1.4	78	136	0.1
150 to 224	70	0.4	330	0.4	33	200	0.1
225 to 299	60	0.3	300	0.4	41	273	0.1
300 to 374	80	0.4	390	0.5	64	328	0.1
375 to 449	165	0.9	865	1.0	176	407	0.3
450 to 524	311	1.6	1,031	1.2	257	499	0.5
525 to 599	85	0.4	565	0.7	158	559	0.3
600 to 674	695	3.7	2,870	3.4	963	671	1.8
675 to 749	130	0.7	750	0.9	267	712	0.5
750 to 824	702	3.7	3,086	3.6	1,202	779	2.3
825 and over	16,444	87.3	72,513	86.0	49,068	1,353	93.8
COTTON							
Economic Area 6, South Carolina	21,020	100.0	326,718	100.0	98,566	603	100.0
Farms using by pounds per acre:							
Under 75	56	0.3	1,290	0.4	38	59	(Z)
75 to 149	158	0.8	3,202	1.0	188	117	0.2
150 to 224	513	2.4	7,981	2.4	772	193	0.8
225 to 299	656	3.1	10,162	3.1	1,364	268	1.4
300 to 374	1,193	5.7	17,525	5.4	2,930	334	3.0
375 to 449	2,770	13.2	36,451	11.2	7,436	408	7.5
450 to 524	3,656	17.4	50,294	15.4	12,442	495	12.6
525 to 599	1,965	9.3	36,841	11.3	10,303	559	10.4
600 to 674	4,249	20.2	65,060	19.9	20,298	624	20.6
675 to 749	1,256	6.0	26,884	8.2	9,567	712	9.7
750 to 824	2,085	9.9	33,520	10.2	13,382	798	13.6
825 and over	2,463	11.7	37,508	11.5	19,846	1,058	20.1
Economic Area 5, Alabama	15,141	100.0	154,883	100.0	40,971	529	100.0
Farms using by pounds per acre:							
Under 75	55	0.4	1,470	1.0	37	50	0.1
75 to 149	171	1.1	1,330	0.8	81	122	1.2
150 to 224	675	4.5	6,707	4.3	651	194	1.6
225 to 299	966	6.4	9,599	6.2	1,271	264	3.1
300 to 374	1,829	12.1	19,317	12.5	3,214	332	7.8
375 to 449	2,587	17.1	25,825	16.7	5,290	409	12.9
450 to 524	2,411	15.9	27,977	18.1	6,900	493	16.8
525 to 599	1,031	6.8	13,806	8.9	3,864	559	9.4
600 to 674	2,136	14.1	17,867	11.5	5,646	632	13.8
675 to 749	447	2.9	7,578	4.9	2,691	710	6.6
750 to 824	1,012	6.7	9,692	6.2	3,809	786	9.3
825 and over	1,821	12.0	13,715	8.9	7,517	1,096	18.3
Economic Area 5, Georgia	3,414	100.0	49,546	100.0	13,500	545	100.0
Farms using by pounds per acre:							
Under 75	10	0.3	120	0.2	3	50	(Z)
75 to 149	41	1.2	715	1.4	50	140	0.4
150 to 224	175	5.1	2,105	4.2	205	195	1.5
225 to 299	204	6.0	2,638	5.3	354	268	2.6
300 to 374	336	9.8	4,496	9.1	746	332	5.5
375 to 449	447	13.1	7,442	15.0	1,536	413	11.4
450 to 524	444	13.0	7,437	15.0	1,825	491	13.5
525 to 599	575	16.8	8,082	16.3	2,155	533	16.0
600 to 674	470	13.8	7,207	14.5	2,274	631	16.8
675 to 749	157	4.6	2,822	5.7	1,008	714	7.5
750 to 824	167	4.9	1,677	3.4	664	792	4.9
825 and over	388	11.4	4,805	9.7	2,680	1,116	19.8
Economic Area 2, Mississippi	26,128	100.0	351,911	100.0	69,985	397	100.0
Farms using by pounds per acre:							
Under 75	163	0.6	7,892	2.2	87	22	1.2
75 to 149	1,273	4.8	24,058	6.9	1,326	110	1.8
150 to 224	3,164	12.2	46,189	13.3	4,405	190	6.2
225 to 299	3,087	11.9	42,425	12.1	5,527	260	7.8
300 to 374	3,746	14.4	51,047	14.6	8,372	327	11.8
375 to 449	4,990	19.1	62,615	17.8	12,756	407	18.1
450 to 524	3,624	13.9	44,846	12.7	10,984	489	15.5
525 to 599	1,376	5.3	22,077	6.2	6,152	557	8.7
600 to 674	1,878	7.1	20,213	5.7	6,360	629	9.0
675 to 749	397	1.5	6,301	1.7	2,188	694	3.1
750 to 824	804	3.0	7,134	2.0	2,788	781	3.9
825 and over	1,626	6.2	17,114	4.8	9,040	1,056	12.9
FRUITS, VEGETABLES, AND POTATOES							
Economic Areas 1 and 2, New York	6,363	100.0	155,103	100.0	55,732	718	100.0
Farms using by pounds per acre:							
Under 249	994	15.7	33,287	21.5	2,658	159	4.8
250 to 499	1,603	25.2	41,426	26.8	7,333	354	13.2
500 to 749	1,161	18.3	25,867	16.7	7,842	606	14.1
750 to 999	539	8.5	15,670	10.2	6,746	861	12.2
1,000 to 1,249	824	13.0	13,878	9.0	7,442	1,072	13.4
1,250 to 1,499	320	5.0	6,990	4.5	4,724	1,352	8.5
1,500 to 1,749	302	4.7	5,936	3.8	4,810	1,620	8.6
1,750 to 1,999	110	1.7	3,400	2.1	3,139	1,847	5.6
2,000 to 2,249	331	5.2	1,929	1.2	1,938	2,008	3.4
2,250 to 2,499	59	0.9	3,375	2.1	3,950	2,340	7.0
2,500 to 2,749	...	...	...	...	...	...	...
2,750 and over	120	1.8	3,345	2.1	5,150	3,079	9.2
Economic Area 7, Ohio	442	100.0	3,620	100.0	894	494	100.0
Farms using by pounds per acre:							
Under 249	125	28.3	1,125	31.1	105	186	11.7
250 to 499	130	29.4	1,250	34.5	249	398	27.9
500 to 749	65	14.7	595	16.5	164	551	18.3
750 to 999	22	5.0	370	10.2	170	919	19.0
1,000 to 1,249	45	10.2	100	2.8	50	1,000	5.6
1,250 and 1,499	20	4.5	120	3.3	79	1,317	8.8
1,500 to 1,749	10	2.3	30	0.8	24	1,600	2.7
1,750 to 1,999	...	...	...	...	...	...	...
2,000 to 2,249	5	1.1	5	0.1	5	2,000	0.6
2,250 to 2,499	...	...	...	...	...	...	...
2,500 to 2,749	...	...	...	...	...	...	...
2,750 and over	20	4.5	25	0.7	48	3,840	5.4
Economic Areas 1 and 2, New Jersey	5,368	100.0	185,445	100.0	127,691	1,377	100.0
Farms using by pounds per acre:							
Under 249	331	6.2	1,745	0.9	169	194	0.1
250 to 499	544	10.1	17,427	9.4	3,250	373	2.5
500 to 749	706	13.2	16,234	8.8	5,556	684	4.4
750 to 999	578	10.8	21,402	11.5	9,486	886	7.4
1,000 to 1,249	981	18.3	27,260	14.7	15,091	1,107	11.8
1,250 to 1,499	491	9.1	32,448	17.5	23,528	1,450	18.4
1,500 to 1,749	406	7.6	14,774	8.0	11,920	1,614	9.3
1,750 to 1,999	303	5.6	17,501	9.4	16,150	1,846	12.6
2,000 to 2,249	662	12.3	17,300	9.3	17,719	2,048	13.9
2,250 to 2,499	157	2.9	9,930	5.4	11,822	2,381	9.2
2,500 to 2,749	...	...	...	...	...	...	...
2,750 and over	209	3.9	9,424	5.1	13,000	2,759	10.2
Economic Areas 1 and 3, Illinois	336	100.0	40,036	100.0	5,955	297	100.0
Farms using by pounds per acre:							
Under 249	143	42.6	31,164	77.8	3,578	230	60.1
250 to 499	87	25.9	6,628	16.6	1,351	408	22.7
500 to 749	40	11.9	365	0.9	106	581	1.8
750 to 999	6	1.8	1,324	3.3	575	869	9.6
1,000 to 1,249	50	14.9	365	0.9	215	1,178	3.6
1,250 to 1,499	5	1.5	185	0.5	125	1,351	2.1
1,500 to 1,749	...	...	...	...	...	...	...
1,750 to 1,999	...	...	...	...	...	...	...
2,000 to 2,249	5	1.5	5	(Z)	5	2,000	0.1
2,250 to 2,499	...	...	...	...	...	...	...
2,500 to 2,749	...	...	...	...	...	...	...
2,750 and over	...	...	...	...	...	...	...

Z 0.05 percent or less.

Table 7.—FARMS REPORTING, ACRES FERTILIZED, AND TONS OF FERTILIZER USED ON FARMS CLASSIFIED BY RATE OF USE PER ACRE, FOR SELECTED CROPS; FOR SELECTED ECONOMIC AREAS: 1954—Continued

Crop, economic area, and rate of use per acre	Farms reporting		Acres fertilized		Fertilizer used		
	Number	Percent distribution	Total	Percent distribution	Tons	Average per acre (lb.)	Percent distribution
FRUITS, VEGETABLES, AND POTATOES—Continued							
Economic Area 7, Illinois	300	100.0	7,424	100.0	1,286	346	100.0
Farms using by pounds per acre:							
Under 249	130	43.3	2,970	40.2	286	193	22.3
250 to 499	68	22.6	3,407	45.9	576	338	44.8
500 to 749	47	15.7	562	7.6	157	558	12.3
750 to 999	10	3.3	265	3.5	128	966	9.9
1,000 to 1,249	30	10.0	45	0.6	23	1,022	1.8
1,250 to 1,499	5	1.7	160	2.1	100	1,250	7.7
1,500 to 1,749	5	1.7	10	0.1	8	1,600	0.6
1,750 to 1,999	...	...	...	...	...	...	...
2,000 to 2,249	...	...	...	...	...	...	...
2,250 to 2,499	...	...	...	...	...	...	...
2,500 to 2,749	...	...	...	...	...	...	...
2,750 and over	5	1.7	5	0.1	8	3,200	0.6
Economic Areas 7 and 8, Wisconsin	3,717	100.0	94,697	100.0	13,598	287	100.0
Farms using by pounds per acre:							
Under 249	1,801	48.5	54,478	57.5	4,952	181	36.4
250 to 499	1,272	34.3	32,027	33.9	5,209	325	38.3
500 to 749	325	8.7	4,112	4.3	1,225	595	9.0
750 to 999	82	2.2	1,820	1.9	756	831	5.6
1,000 to 1,249	145	3.9	1,395	1.5	738	1,058	5.4
1,250 to 1,499	16	0.4	560	0.6	410	1,464	3.0
1,500 to 1,749	11	0.3	75	0.1	60	1,600	0.4
1,750 to 1,999	5	0.1	40	(Z)	35	1,750	0.3
2,000 to 2,249	50	1.3	160	0.2	163	2,037	1.2
2,250 to 2,499	...	...	...	...	...	...	...
2,500 to 2,749	...	...	...	...	...	...	...
2,750 and over	10	0.3	30	(Z)	50	3,333	0.4
Economic Areas 1e and 1b, Iowa	54	100.0	819	100.0	89	217	100.0
Farms using by pounds per acre:							
Under 249	12	22.2	509	62.1	27	106	30.3
250 to 499	32	59.3	300	36.6	49	327	55.1
500 to 749	...	...	...	...	...	...	...
750 to 999	...	...	...	...	...	...	...
1,000 to 1,249	5	9.2	5	0.7	3	1,200	3.4
1,250 to 1,499	...	...	...	...	...	...	...
1,500 to 1,749	...	...	...	...	...	...	...
1,750 to 1,999	...	...	...	...	...	...	...
2,000 to 2,249	...	...	...	...	...	...	...
2,250 to 2,499	...	...	...	...	...	...	...
2,500 to 2,749	...	...	...	...	...	...	...
2,750 and over	5	9.2	5	0.7	10	4,000	11.2
Economic Area 3, Missouri	231	100.0	3,932	100.0	308	156	100.0
Farms using by pounds per acre:							
Under 249	149	64.5	3,605	91.7	234	129	76.0
250 to 499	27	11.7	247	6.3	41	331	13.3
500 to 749	30	13.0	55	1.4	17	618	5.5
750 to 999	10	4.3	10	0.2	4	800	1.3
1,000 to 1,249	5	2.2	5	0.1	3	1,200	1.0
1,250 to 1,499	...	...	...	...	...	...	...
1,500 to 1,749	5	2.2	5	0.1	4	1,600	1.3
1,750 to 1,999	...	...	...	...	...	...	...
2,000 to 2,249	5	2.2	5	0.1	5	2,000	1.6
2,250 to 2,499	...	...	...	...	...	...	...
2,500 to 2,749	...	...	...	...	...	...	...
2,750 and over	...	...	...	...	...	...	...
Economic Area 7, Virginia	6,625	100.0	10,800	100.0	3,775	699	100.0
Farms using by pounds per acre:							
Under 249	1,166	17.6	2,440	22.6	260	213	6.9
250 to 499	1,640	24.8	3,030	28.0	623	411	16.5
500 to 749	1,108	16.7	1,848	17.1	639	691	16.9
750 to 999	345	5.2	495	4.6	213	860	5.7
1,000 to 1,249	1,889	28.5	2,191	20.3	1,246	1,137	33.0
1,250 to 1,499	65	1.0	65	0.6	46	1,415	1.2
1,500 to 1,749	116	1.8	170	1.6	139	1,635	3.7
1,750 to 1,999	25	0.4	145	1.3	128	1,765	3.4
2,000 to 2,249	231	3.5	361	3.4	396	2,193	10.5
2,250 to 2,499	10	0.1	20	0.2	24	2,400	0.6
2,500 to 2,749	...	...	...	...	...	...	...
2,750 and over	30	0.4	35	0.3	61	3,485	1.6
Economic Areas 3, 4a, and 4b, North Carolina	17,835	100.0	27,612	100.0	8,912	645	100.0
Farms using by pounds per acre:							
Under 249	4,316	24.2	6,060	21.9	637	210	7.1
250 to 499	5,171	29.0	8,440	30.6	1,778	421	20.0
500 to 749	2,984	16.7	5,262	19.1	1,767	671	19.8
750 to 999	945	5.3	2,156	7.8	944	875	10.6
1,000 to 1,249	3,652	20.5	4,553	16.5	2,616	1,149	29.4
1,250 to 1,499	130	0.8	195	0.7	135	1,384	1.5
1,500 to 1,749	145	0.8	200	0.7	158	1,580	1.8
1,750 to 1,999	25	0.1	65	0.2	59	1,815	0.7
2,000 to 2,249	425	2.4	465	1.7	490	2,107	5.5
2,250 to 2,499	5	(Z)	5	(Z)	6	2,400	(Z)
2,500 to 2,749	...	...	...	...	...	...	...
2,750 and over	37	0.2	211	0.8	322	3,052	3.6
Economic Area 6, South Carolina	5,913	100.0	42,972	100.0	15,591	726	100.0
Farms using by pounds per acre:							
Under 249	603	10.2	3,016	7.0	254	168	1.6
250 to 499	1,172	19.8	9,335	21.7	1,772	380	11.4
500 to 749	1,439	24.3	11,885	27.6	3,618	609	23.2
750 to 999	667	11.3	8,668	20.2	3,635	839	23.3
1,000 to 1,249	1,574	26.6	6,918	16.1	3,774	1,091	24.2
1,250 to 1,499	84	1.4	1,159	2.7	778	1,343	5.0
1,500 to 1,749	124	2.1	1,092	2.5	866	1,586	5.6
1,750 to 1,999	12	0.2	355	0.8	333	1,876	2.1
2,000 to 2,249	217	3.7	489	1.1	490	2,004	3.1
2,250 to 2,499	1	(Z)	20	(Z)	23	2,300	0.1
2,500 to 2,749	20	0.3	35	0.1	48	2,743	0.3
2,750 and over	...	...	...	...	...	...	...
Economic Area 5, Georgia	1,492	100.0	17,710	100.0	5,068	572	100.0
Farms using by pounds per acre:							
Under 249	308	20.6	3,355	18.9	275	163	5.4
250 to 499	378	25.3	5,794	32.7	1,019	351	20.1
500 to 749	448	30.0	3,993	22.5	1,152	577	22.7
750 to 999	99	6.6	2,281	12.9	976	855	19.2
1,000 to 1,249	137	9.2	447	2.5	226	1,011	4.5
1,250 to 1,499	26	1.7	1,485	8.4	1,057	1,423	20.9
1,500 to 1,749	20	1.3	50	0.3	38	1,520	0.7
1,750 to 1,999	...	...	...	...	...	...	...
2,000 to 2,249	66	4.4	185	1.1	185	2,000	3.6
2,250 to 2,499	10	0.7	120	0.7	140	2,333	2.8
2,500 to 2,749	...	...	...	...	...	...	...
2,750 and over	...	...	...	...	...	...	...
Economic Area 5, Alabama	3,905	100.0	17,259	100.0	5,855	678	100.0
Farms using by pounds per acre:							
Under 249	916	23.5	3,842	22.3	456	237	7.8
250 to 499	1,044	26.7	6,303	36.5	1,486	471	25.4
500 to 749	660	16.9	2,967	17.2	1,082	729	18.5
750 to 999	204	5.2	1,146	6.6	550	959	9.4
1,000 to 1,249	747	19.1	1,782	10.3	1,078	1,209	18.4
1,250 to 1,499	52	1.3	492	2.9	362	1,471	6.2
1,500 to 1,749	65	1.7	230	1.3	189	1,643	3.2
1,750 to 1,999	6	0.1	113	0.6	107	1,893	1.8
2,000 to 2,249	161	4.1	289	1.7	315	2,179	5.4
2,250 to 2,499	...	...	...	...	...	...	...
2,500 to 2,749	...	...	...	...	...	...	...
2,750 and over	50	1.3	95	0.5	230	4,842	3.9
Economic Area 2, Mississippi	736	100.0	2,419	100.0	641	529	100.0
Farms using by pounds per acre:							
Under 249	163	22.1	478	19.8	44	184	6.9
250 to 499	220	30.0	1,088	45.0	198	364	31.0
500 to 749	126	17.2	364	15.0	106	582	16.5
750 to 999	26	3.5	96	4.0	40	833	6.2
1,000 to 1,249	158	21.5	265	11.0	138	1,042	21.4
1,250 to 1,499	10	1.4	30	1.2	20	1,333	3.1
1,500 to 1,749	1	0.1	13	0.5	10	1,538	1.6
1,750 to 1,999	...	...	...	...	...	...	...
2,000 to 2,249	32	4.3	85	3.5	85	2,000	13.3
2,250 to 2,499	...	...	...	...	...	...	...
2,500 to 2,749	...	...	...	...	...	...	...
2,750 and over	...	...	...	...	...	...	...
OTHER CROPS							
Economic Areas 1 and 2, New York	12,241	100.0	262,221	100.0	41,621	317	100.0
Farms using by pounds per acre:							
Under 75	120	1.0	2,610	1.0	42	32	0.1
75 to 149	590	4.8	15,320	5.8	928	121	2.2
150 to 224	2,338	19.1	54,302	20.7	5,246	193	12.6
225 to 299	2,628	21.5	64,194	24.5	8,485	264	20.4
300 to 374	2,496	20.4	55,071	21.0	8,942	325	21.5
375 to 449	1,797	14.7	37,873	14.4	7,669	405	18.4
450 to 524	869	7.1	14,647	5.6	3,560	486	8.6
525 to 599	258	2.1	5,457	2.1	1,528	560	3.7
600 to 674	423	3.4	5,267	2.0	1,656	629	4.0
675 to 749	85	0.7	1,180	0.4	424	719	1.0
750 to 824	112	0.9	1,670	0.6	656	786	1.6
825 and over	525	4.3	4,630	1.8	2,485	1,073	6.0
Economic Areas 1 and 2, New Jersey	4,130	100.0	72,942	100.0	19,423	533	100.0
Farms using by pounds per acre:							
Under 75	10	0.2	165	0.2	6	73	(Z)
75 to 149	135	3.3	3,750	5.1	236	126	1.2
150 to 224	383	9.3	10,733	14.7	1,042	194	5.4
225 to 299	430	10.4	11,400	15.6	1,526	268	7.8
300 to 374	478	11.6	9,899	13.6	1,626	329	8.4
375 to 449	571	13.8	8,053	11.0	1,646	409	8.5
450 to 524	391	9.5	8,482	11.6	2,082	493	10.7
525 to 599	175	4.2	3,130	4.3	879	562	4.5
600 to 674	270	6.5	3,665	5.0	1,164	635	6.0
675 to 749	70	1.7	1,510	2.1	540	715	2.8
750 to 824	176	4.3	2,785	3.8	1,090	783	5.6
825 and over	1,041	25.2	9,370	12.8	7,586	1,619	39.0

Z 0.05 percent or less.

Table 7.—FARMS REPORTING, ACRES FERTILIZED, AND TONS OF FERTILIZER USED ON FARMS CLASSIFIED BY RATE OF USE PER ACRE, FOR SELECTED CROPS; FOR SELECTED ECONOMIC AREAS: 1954—Continued

Crop, ecocomic area, and rate of use per acre	Farms reporting		Acres fertilized		Fertilizer used		
	Number	Percent distribution	Total	Percent distribution	Tone	Average per acre (lb.)	Percent distribution
OTHER CROPS—Continued							
Economic Area 7, Ohio	5,449	100.0	30,430	100.0	8,806	579	100.0
Farms using by pounds per acre:							
Under 75	...	...	...	...	...	...	...
75 to 149	186	3.4	3,444	11.3	209	121	2.4
150 to 224	492	9.0	6,395	21.0	648	202	7.4
225 to 299	353	6.5	5,111	16.8	702	274	8.0
300 to 374	321	5.9	3,028	9.9	520	343	5.9
375 to 449	251	4.6	2,180	7.2	459	421	5.2
450 to 524	156	2.9	1,120	3.7	278	496	3.2
525 to 599	41	0.7	759	2.5	216	569	2.4
600 to 674	221	4.1	933	3.1	300	643	3.4
675 to 749	30	0.5	240	0.8	86	717	1.0
750 to 824	120	2.2	1,305	4.3	514	787	5.8
825 and over	3,278	60.2	5,915	19.4	4,874	1,648	55.3
Economic Areas 1 and 3, Illinois	6,544	100.0	215,634	100.0	37,727	350	100.0
Farms using by pounds per acre:							
Under 75	182	2.8	7,155	3.3	206	58	0.5
75 to 149	1,225	18.7	47,674	22.1	2,623	110	7.0
150 to 224	1,622	24.8	53,181	24.7	5,006	188	13.3
225 to 299	722	11.0	26,794	12.4	3,500	261	9.3
300 to 374	702	10.7	21,310	9.9	3,431	322	9.1
375 to 449	436	6.7	10,607	4.9	2,132	402	5.6
450 to 524	325	5.0	9,675	4.5	2,349	486	6.2
525 to 599	120	1.8	3,040	1.4	841	553	2.2
600 to 674	180	2.8	4,365	2.0	1,374	630	3.6
675 to 749	111	1.7	3,745	1.7	1,309	699	3.5
750 to 824	92	1.4	3,863	1.8	1,534	794	4.1
825 and over	827	12.6	24,225	11.2	13,422	1,108	35.6
Economic Area 7, Illinois	6,564	100.0	253,834	100.0	47,715	376	100.0
Farms using by pounds per acre:							
Under 75	185	2.8	9,220	3.6	250	54	0.5
75 to 149	1,001	15.2	45,194	17.8	2,611	116	5.5
150 to 224	1,979	30.1	75,457	29.7	7,103	188	14.9
225 to 299	753	11.5	34,089	13.4	4,417	259	9.3
300 to 374	576	8.8	20,200	8.0	3,270	324	6.9
375 to 449	369	5.6	14,049	5.5	2,874	409	6.0
450 to 524	240	3.6	9,510	3.7	2,342	493	4.9
525 to 599	100	1.5	3,330	1.3	928	557	1.9
600 to 674	150	2.3	5,265	2.1	1,638	622	3.4
675 to 749	40	0.6	1,620	0.6	581	717	1.2
750 to 824	80	1.2	2,960	1.2	1,168	789	2.4
825 and over	1,091	16.6	32,940	13.0	20,533	1,247	43.0
Economic Areas 7 and 8, Wisconsin	3,825	100.0	51,287	100.0	7,416	289	100.0
Farms using by pounds per acre:							
Under 75	65	1.7	1,740	3.4	38	44	0.5
75 to 149	353	9.2	9,146	17.8	546	119	7.4
150 to 224	976	25.5	17,430	34.0	1,693	194	22.8
225 to 299	545	14.3	6,851	13.4	896	261	12.1
300 to 374	376	9.8	3,965	7.7	654	329	8.8
375 to 449	384	10.0	4,605	9.0	923	400	12.4
450 to 524	290	7.6	2,120	4.1	493	465	6.6
525 to 599	51	1.3	825	1.6	235	569	3.2
600 to 674	200	5.2	1,495	2.9	461	616	6.2
675 to 749	15	0.4	115	0.2	42	730	0.6
750 to 824	70	1.8	610	1.2	242	793	3.3
825 and over	500	13.1	2,385	4.7	1,193	1,000	16.1
Economic Areas 1a and 1b, Iowa	13,136	100.0	505,907	100.0	39,839	157	100.0
Farms using by pounds per acre:							
Under 75	777	5.8	38,199	7.5	1,122	58	3.8
75 to 149	5,709	43.5	233,945	46.2	12,637	108	31.7
150 to 224	4,536	34.5	161,783	32.0	14,746	182	37.0
225 to 299	1,063	8.1	36,755	7.3	4,659	253	10.7
300 to 374	624	4.7	24,445	4.9	3,930	321	9.9
375 to 449	221	1.7	6,770	1.3	1,356	401	3.4
450 to 524	61	0.5	1,800	0.4	450	500	1.1
525 to 599	10	0.1	425	0.1	120	564	0.3
600 to 674	55	0.4	945	0.2	290	613	0.8
675 to 749	...	...	...	...	...	...	...
750 to 824	10	0.1	185	(Z)	74	800	0.2
825 and over	70	0.5	655	0.1	455	1,389	1.1
Economic Area 3, Missouri	9,247	100.0	360,205	100.0	28,978	160	100.0
Farms using by pounds per acre:							
Under 75	511	5.5	24,480	6.8	711	58	2.4
75 to 149	4,149	44.9	176,067	48.9	9,857	111	34.0
150 to 224	2,855	30.9	109,754	30.5	10,147	184	35.0
225 to 299	875	9.5	28,140	7.8	3,556	253	12.3
300 to 374	377	4.1	10,882	3.0	1,733	318	6.1
375 to 449	181	1.9	4,505	1.2	913	405	3.1
450 to 524	109	1.2	2,060	0.6	499	484	1.7
525 to 599	22	0.2	1,425	0.4	396	555	1.3
600 to 674	61	0.7	1,067	0.3	338	628	1.2
675 to 749	26	0.3	485	0.1	174	717	0.6
750 to 824	7	(Z)	268	0.1	106	791	0.4
825 and over	74	0.8	1,072	0.3	548	1,022	1.9
Economic Area 7, Virginia	6,113	100.0	47,127	100.0	10,280	436	100.0
Farms using by pounds per acre:							
Under 75	25	0.4	115	0.2	4	69	(Z)
75 to 149	246	4.0	1,960	4.1	110	112	1.1
150 to 224	753	12.3	6,910	14.7	673	195	6.5
225 to 299	637	10.4	6,116	13.0	801	261	7.8
300 to 374	862	14.1	8,468	18.1	1,392	328	13.5
375 to 449	904	14.8	6,601	14.0	1,345	407	13.1
450 to 524	738	12.1	5,169	11.0	1,254	485	12.2
525 to 599	187	3.1	2,418	5.1	680	562	6.6
600 to 674	658	10.8	3,362	7.1	1,064	632	10.4
675 to 749	70	1.1	720	1.5	256	711	2.5
750 to 824	261	4.3	1,890	4.0	730	772	7.1
825 and over	772	12.6	3,398	7.2	1,971	1,160	19.2
Economic Areee 3, 4a, and 4b, North Carolina	24,432	100.0	355,252	100.0	62,259	350	100.0
Farms using by pounds per acre:							
Under 249	7,562	30.9	121,808	34.3	11,109	182	17.8
250 to 499	10,521	43.1	171,197	48.2	29,682	346	47.8
500 to 749	4,144	16.9	46,105	13.0	13,304	577	21.4
750 to 999	681	2.8	8,028	2.3	3,235	805	5.2
1,000 to 1,249	1,073	4.4	5,471	1.5	2,870	1,049	4.6
1,250 to 1,499	141	0.6	1,513	0.4	1,031	1,362	1.7
1,500 to 1,749	95	0.4	580	0.2	452	1,559	0.7
1,750 to 1,999	20	0.1	145	(Z)	133	1,834	0.2
2,000 to 2,249	145	0.6	340	0.1	345	2,029	0.5
2,250 to 2,499	5	(Z)	5	(Z)	6	2,400	(Z)
2,500 to 2,749	...	...	...	...	...	...	...
2,750 and over	45	0.2	60	(Z)	92	3,233	0.1
Economic Area 6, South Carolina	13,244	100.0	266,843	100.0	59,737	448	100.0
Farms using by pounds per acre:							
Under 249	2,455	18.5	90,992	34.1	7,767	171	13.0
250 to 499	2,481	18.7	96,771	36.3	17,281	357	28.9
500 to 749	1,561	11.8	41,039	15.4	12,236	596	20.5
750 to 999	564	4.2	15,454	5.8	6,453	835	10.8
1,000 to 1,249	1,941	14.6	9,115	3.4	4,894	1,074	8.2
1,250 to 1,499	1,190	9.0	5,169	1.9	3,458	1,338	5.8
1,500 to 1,749	1,266	9.6	3,937	1.5	3,065	1,557	5.1
1,750 to 1,999	301	2.3	1,175	0.4	1,069	1,820	1.8
2,000 to 2,249	1,178	8.9	2,579	1.0	2,588	2,007	4.3
2,250 to 2,499	80	0.6	230	0.1	272	2,365	0.4
2,500 to 2,749	...	...	...	...	...	...	...
2,750 and over	227	1.7	382	0.1	654	3,424	1.1
Economic Area 5, Georgia	1,955	100.0	48,860	100.0	8,487	347	100.0
Farms using by pounds per acre:							
Under 249	686	35.1	20,980	42.9	1,992	190	23.5
250 to 499	783	40.1	20,290	41.5	3,672	362	43.3
500 to 749	289	14.8	5,418	11.1	1,624	599	19.1
750 to 999	48	2.4	865	1.8	354	818	4.2
1,000 to 1,249	87	4.5	904	1.9	486	1,075	5.7
1,250 to 1,499	11	0.6	38	0.1	25	1,315	0.3
1,500 to 1,749	16	0.8	60	0.1	46	1,533	0.5
1,750 to 1,999	5	0.2	250	0.5	226	1,808	2.7
2,000 to 2,249	20	1.0	40	0.1	40	2,000	0.5
2,250 to 2,499	...	...	...	...	...	...	...
2,500 to 2,749	...	...	...	...	...	...	...
2,750 and over	10	0.5	15	(Z)	22	2,933	0.2
Economic Area 5, Alabama	1,741	100.0	26,060	100.0	5,347	410	100.0
Farms using by pounds per acre:							
Under 249	520	29.9	7,958	30.5	609	153	11.4
250 to 499	541	31.1	9,245	35.5	1,740	376	32.5
500 to 749	347	19.9	7,447	28.6	2,287	614	42.8
750 to 999	55	3.2	802	3.1	336	838	6.3
1,000 to 1,249	212	12.2	446	1.7	234	1,049	4.4
1,250 to 1,499	5	0.3	15	0.1	10	1,333	0.2
1,500 to 1,749	11	0.6	97	0.4	82	1,691	1.5
1,750 to 1,999	50	2.9	50	0.2	49	1,960	0.9
2,000 to 2,249	...	...	...	...	...	...	...
2,250 to 2,499	...	...	...	...	...	...	...
2,500 to 2,749	...	...	...	...	...	...	...
2,750 and over	...	...	...	...	...	...	...
Economic Area 2, Mississippi	1,095	100.0	44,539	100.0	6,108	274	100.0
Farms using by pounds per acre:							
Under 75	24	2.2	2,007	4.5	42	42	0.7
75 to 149	167	15.2	8,816	19.8	520	118	8.5
150 to 224	308	28.1	14,269	32.0	1,367	192	22.4
225 to 299	160	14.6	7,708	17.3	1,008	262	16.5
300 to 374	95	8.7	3,424	7.7	543	317	8.9
375 to 449	70	6.4	2,445	5.5	501	410	8.2
450 to 524	66	6.0	979	2.2	238	486	3.9
525 to 599	17	1.6	588	1.3	162	551	2.6
600 to 674	56	5.1	929	2.1	296	637	4.8
675 to 749	16	1.5	1,888	4.2	665	704	10.9
750 to 824	17	1.6	129	0.3	50	775	0.8
825 and over	99	9.0	1,357	3.0	716	1,055	11.7

Z 0.05 percent or less.